

AD-A075 572

ARINC RESEARCH CORP ANNAPOLIS MD

F/O 5/2

MECHANIZATION ARCHITECTURE FOR ENHANCEMENT OF AVIONICS PLANNING--ETC(U)

SEP 79 S COTTON, R GILBERTSON

F33657-79-C-0567

UNCLASSIFIED

1750-01-1-2024

NL

2 OF 2

AD
A075572



END
DATE
FILMED

11-79

DDC

22. Special Justification, Quantity:

Only one KY-58 is to be shared between the pilot ARC-164 (or ARC-133) and the copilot ARC-171; and only one KY-58 to be shared between the pilot and copilot VHF radio. The above decision was made with full awareness of the policy to secure each radio, but due to cockpit configuration, the above usage was formulated with the concurrence of SAC, AFCEMSEC CEN, WR-ALC, Det 2, 2762LS/CC and the program manager.

Rationale was as follows:

1. Primary usage of the copilot ARC-171 radio is for AFSATCOM. The agreed to configuration provides the capability to secure the ARC-171 in the Line of Sight mode of operation when required to provide a backup for the pilot's ARC-16.

2. RC-135 cockpit space is at a premium and the addition of two other KY-58 in the cockpit area would necessitate a costly rearrangement of existing equipment.

TITLE: GO79. RHEO
GO79. RGEO

AGENCY: AFLC/LOAPR
WPAFB, OH

CONTACT: Mr. Gilbert Doggett
513-257-3105/2840

DESCRIPTION: Part E-7, "Modification Schedule and Cost Summary by MD" -- RHEO
Part E-6, "Modification Schedule and Cost Summary by MDS" -- RGEO

Part E-7 is broken down by MD (Model-Design) and Part E-6 is broken down by MDS (Model-Design-Series). Updated six times a year, this section of the GO79 contains all mod. related costs by year, and all mod. schedules by year and by quarters.

The Modification Schedule and Cost Summary is a product of the Systems and Equipment Modification/Maintenance Program (SEMMP) maintained by Air Force Logistics Center (AFLC) as assigned under AFR 27-8. Through employment of the Automated Data System Designator ((DSD)-GO79), AFLC provides data products that portray depot level maintenance and Class IV, Class V, and AFSC update modification requirements, programs, funds, and schedule status of all Air Force weapon systems and major equipment.

INFORMATION
SOURCE:

Each ALC responsible for updating GO79 with latest CCB information.

FORMAT:

Four pages from the GO79. RHEO are included here as an example. They describe mod. no. F2903 on the C141.

REMARKS:

GO79 Products are maintained only on current modification programs.

(Date Modification Project Directive Issued
by the Directorate of Material Management
to the Directorate of Maintenance) -----> MPD ISSUED 75 JAN

PART E7-M/D MODIFICATION SCHEDULE AND COST SUMMARY

MOD NO F2903 IMPROVED NAV SYSTEM

-----1978-----1979-----1980-----1981-----
TOTAL

QTR 1ST 2ND 3RD 4TH TOTAL 1ST 2ND 3RD 4TH TOTAL 1ST 2ND 3RD 4TH TOTAL

MOD SCHEDULE
IN 57 61 58 45 221
PRGM COMPL IN WORK 56 62 ----- (Schedule Change Shown on Line Below Original Entry)
270 207 18 OUT 59 61 67 50 237 14
14

KIT PROOF
IN
PRGM COMPL IN WORK
2 2 OUT

PROTOTYPE
IN
PRGM COMPL IN WORK
1 1 OUT

(Production Lead Time
in Quarters)
REQUIREMENT/CONTR P L C

(Type Contract) (C=Fixed Price Incentive)
BPAC 197476

NAU GROUP A KITS 4 C 11476L 1053847 3659821
UNIT COST 12254 19676
QUANTITY 86 186

ABU GROUP B KITS 4 C 11476L 22847232
UNIT COST 120498 122835
QUANTITY 86 186

ACU CHPT MOD 4 11476L 1034045
(Component Modifications)
ADU DATA 4 C 11476L 661790 236446
GP-ADATA (Group A Data) (Spent Before FY 77)

USAF C141 PART E7 MOD NO F2903

PART E7-M/D MODIFICATION SCHEDULE AND COST SUMMARY									
MOD NO F2903 IMPROVED NAV SYSTEM									
REQUIREMENT / CONTR									
	P	T	BPAC						
	L	C		PREVIOUS	1977	1978	1979	1980	1981
AVU NEW COMMON SE 8 C 129930									
D/NG INS (Depot Support Equipment for INS)									
AVU NEW COMMON SE 8 129990									
DEP/AIRS (Depot Support Equipment for AHRS)									
AWU PCR SINGLE SE 2 C 114761 81931									
INS/FLD (Peculiar C-14) Support Equipment for Field Use									
AZU OTHER 4 C 114761									
INS/RTW (Reliability Improvement Warranty for INS)									
UNIT COST									
QUANTITY									
BBU GROUP B KITS 4 C 114761									
AIRS (AHRS is a Second Group B Kit)									
UNIT COST									
QUANTITY									
BDU DATA 4 C 114761									
AIRS (Data for AHRS)									
BDU PCR SINGLE SE 4 C 114761 390751									
AIRS/FLD (Same as AWU; Except this is for AHRS)									
BZU OTHER C 114761									
AHRS/RTW									
UNIT COST (Same as AZU; Except this is for AHRS)									
QUANTITY									

MPD ISSUED 75 JAN

TITLE: GO79. PRMO

AGENCY: AFLC/LOAP
WPAFB/OH

CONTACT: Mr. Gilbert Doggett
(513) 257-3105

DESCRIPTION: MMPR, "Monthly Modification Program Progress Report"

Contains Estimated man-hours, TCTO numbers, the name, office symbol, and phone number of the ALC Modification Manager (OPR), a narrative history of changes that have taken place in a specific modification program.

The Monthly Modification Program Progress Report is a product of the Systems and Equipment Modification/Maintenance Program (SEMMP) maintained by Air Force Logistics Center (AFLC) as assigned under AFR 27-8. Through employment of the Automated Data System Designator ((DSD)-GO79), AFLC provides data products that portray depot level maintenance and Class IV, Class V, and AFSC update modification requirements, programs, funds, and schedule status of all Air Force weapon systems and major equipment.

INFORMATION

SOURCE: Each ALC responsible for updating GO79 with latest information.

FORMAT: The following pages are extracted from the WR ALC MMPR. The modification described is the installation of the ARN-118 on the C-130, Modification number 12009C.

REMARKS: Each ALC produces a monthly modification program progress report.

AS OF 79 MAY 03

MONTHLY MODIFICATION PROGRAM PROGRESS REPORT-MPPR

G019.PRMG

MODEL DESG C130

MOD NO 12CCSC

AN/ARN-118 TACAN

WRALC

PAGE 1

REPORT DESG C-130

HAF 002

ACC 002

000

MAJ DON O'BRIAN LGYYS 50844 GEO. WILSON MMSRBY 02167

MILESTONE ACTIVITY/EVENTS

APPLICABLE TO CLASS V PODS AND TC HQ USAF DIRECTED CLASS IV PODS

001 MITS PROCURED IN PREVIOUS YEARS

GROUP A

GROUP B

002 POC/CRC ISSUED

003 POC/CRC SUPPLIED

004 POC DIRECTING MOD ISSUED

005 POC APPROVED PROGRAM

006 POC APPROVED QUANTITY

INITIAL 704 CURRENT 710

MILESTONE ACTIVITY/EVENTS

APPLICABLE TO NON-HQ USAF DIRECTED CLASS IV PODS

008

009

010

011

012

013

A-50

MILESTONE ACTIVITY/EVENTS

APPLICABLE TO ALL CLASS V AND CLASS IV PODS

014 INITIAL RECEIPT OF PARTIAL

015 CONTRACT OPTION CATES

016 UNIT MANHOURS

017 TCTC NUMBERS

74 AUG

77 APR

78 APR

79 APR

74 AUG

77 APR

78 APR

79 APR

74 AUG

77 APR

78 APR

79 APR

74 AUG

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AS OF 79 PAY 03

MONTHLY MODIFICATION PROGRAM PROGRESS REPORT-MPPR RCS HAF-L EX-027111

C079-PRMC

MODEL DESG C130

MOD NO 12009C

AN/ARN-118 TACAN

WRALC

PAGE 2

MODIFICATION SCHEDULE AND PROGRAM STATUS APPLICABLE TO ALL CLASS V AND CLASS IV MODS

MODIFICATION SCHEDULE ----- PREVIOUS YEARS ----- FY75 ----- FY76 ----- FY77 ----- FY78 ----- FY79 ----- FY80 ----- FY81 ----- 21 YEARS TOTAL

FILESTAGE ACTIVITY/EVENTS	TOTAL	1ST	2ND	3RD	4TH	1ST	2ND	3RD	4TH	TOTAL
---------------------------	-------	-----	-----	-----	-----	-----	-----	-----	-----	-------

029 KIT DELIVERY

030 INITIAL APPROVED

031 CURRENT APPROVED

032 CURRENT ACTUAL CM/O ID>

033 INSTALL SCHEDULE

034 INITIAL APPROVED

035 CURRENT APPROVED

036 CURRENT ACTUAL CM/O ID>

037 PESC

119999

PROGRAM STATUS

----- FY77 ----- FY78 ----- FY79 ----- FY80 ----- FY81 ----- FY82 -----

038 PROCESEC

039 APPROVED

040 INITIATIONS

041 COMMITMENTS

042 CRITICISMS

A-51

043 DATE 7123

044 DATE 7123

051 DATE 7123

052 DATE 7123

053 DATE 8059

054 DATE 7123

055 DATE 7123

057 DATE 7123

058 DATE 7231

059 DATE 7123

060 DATE 8128

061 DATE 8059

062 DATE 7249

063 DATE 7249

065 DATE 7123

066 DATE 7364

067 DATE 7123

068 DATE 7231

069 DATE 7231

070 DATE 7200

071 DATE 7123

THIS MOD REPLACES DB SOLELY AN/ARN-21 TACAN SYS WITH THE

MORE RELIABLE AN/ARN-11E

APPLICATION-QTY BY MODS AND COMD

C130A - 117 <SYS-2 / AFR-51 / ANG-64>

C130A - 10 <AFR-2>

C130A - 5 <TAC>

C1300 - 9 <ANG>

C130B - 54 <SYS-5/AFR-42/ANG-42/LCG-1>

C130B - 1 <MAC>

C130E - 287 <AFE-3 / AFR-32 / ANG-48 / PAC-202 / ATC-1 TAC-12>

C130E/ 7 <SYS-2 / TAC/5>

C130E/ 6 <MAC>

C130H/ 68 <MAC>

C130H - 10 <SYS-1 / TAC-9>

C130H - 14 <AFR-1 / PAC-7>

C130H - 26 <SYS-4 / AFR-12 / ANG-4 / PAC-6>

C130H - 15 <SYS-1/AFR-2/MAC-12>

C130H - 18 <SYS-3 / ANG-4 / PAC-11>

C130H - 1 <SYS>

EC130E - 7 <TAC>

MODEL DESG C130

MOD NO 12009C

AN/ARN-118 TACAN

WRALC

PAGE 17

AS OF 79 MAY 03

MONTHLY MODIFICATION PROGRAM PROGRESS REPORT-MPPR

RCS HAF-LEX027111

GC19-PRMC

MODEL DESG C130

MOD NO 12009C

AN/ARN-118 TACAN

WRALC

PAGE 3

072 DATE 7200
073 DATE 8094
074 DATE 7123
075 DATE 8128
076 DATE 7123
077 DATE 7123
078 DATE 7123
079 DATE 7123
080 DATE 7123
081 DATE 7180
091 DATE 7123
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125 DATE 7180
141 DATE 7123
142 DATE 7123
143 DATE 7123
144 DATE 8109
145 DATE 8109
161 DATE 7123
162 DATE 7123
163 DATE 7123
171 DATE 7123
172 DATE 7123
173 DATE 7364
174 DATE 7364
175 DATE 8109
176 DATE 8324
181 DATE 7123

MC130E - 15 SAFE-4/ SYS-1/PAF-4/TAC-62

TRAINERS 4112

TOTAL 71C

.....
INITIAL RECEIPT OF FUNDS IN PREVIOUS YEAR AND AS LATE AS FY
77 DID NOT PROVIDE A BREAKOUT BETWEEN ACFT GP A GP B. WRALC
MONT DIV PROGRAMMED THE PA BASED ON IDENTIFIABLE ACFT
REQMT. NUMEROUS PROBLEMS RESULTED WITH THIS METHOD OF DIS-
TRIBUTION.

.....
REQUEST FOR ORG ASSY OF GP A FOR THE ACL30A AND CL30E THRU
MC130P PROCESSED DEC 76. ADDITIONAL ORGANIC ASSEMBLY OF
KITS WILL BE REQUIRED AS SOON AS KIT CONTENT IS DETERMINED
BY ENER/TECH FOR THE A, B, AND D SERIES ACFT. PR FD060-77-
96039. 20 JAN 77, AND CONTRACT NR F09603-77-C-0961. 27 APR
77, ISSUED TO PROCURE PROTOTYPE, KIT PROOF FOR THE CL30A/B/D
SERIES ACFT AND PROVIDE PECULIAR LONG LEAD ITEMS (JUMP CON-
NECTOR AND HARNESS ADAPTER) WHICH WILL BE USED IN THE
ORGANIC ASSEMBLY OF GP A FOR THE CL30A/B/D. CONTRACT NR
F09603-75-C-C144 MANAGED BY THE 1M DIV WILL PROVIDE ALL
GP B STACAN2 FOR THE CL30C ACFT.

.....
PROTOTYPE COMPLETED ON CL30E (S/N 64-0538) 10 FEB 77 AT
LITTLE ROCK WITH INSTALLATION REMAINING ON ACFT. ADDITIONAL
PROTOTYPE ACCOMP ON CL30A (S/N 55-0007) 1 JUN 77 BY COLLINS
AT EGLIN AFB BUT INSTALLATION REMOVED.

.....
KIT PROOF ON CL30E (S/N 64-0533) 10 FEB 77 AT LITTLE ROCK.
ADDITIONAL KIT PROOF WILL BE ACCOMPLISHED ON THE CL30A.
KIT PROOF ACCOMPLISHED ON CL30 56-508 AT EGLIN AFB FL AND
ACCEPTED SEPT 77.

.....
MANHOUS ADJUSTMENT FROM 10 TO 13 IS THE RESULT OF PROTOTYPE
KIT PROOF ON THE CL30E ACFT AND IS COMPATIBLE WITH THE TCTO

.....
QTY ADJUSTMENT TO MATCH AF INVENTORY.
THE DIFFERENCE BETWEEN 147 KITS VERSUS 713 AIRCRAFT IS DUE
TO DUAL SYSTEM INSTALLATION.

.....
QTY CHANGE DUE TO RC130A BEING PLACED IN STORAGE AND CL30E
63-7787 AND 63-7766 ATTRIBUTED. QTY NEW 710.

MODEL DESG C130

MOD NO 12009C

AN/ARN-118 TACAN

WRALC

PAGE 18

TITLE: GO79. PXCO
GO79. PVCO

AGENCY: AFLC/LOAPR
WPAFB, OH

CONTACT: Mr. Gilbert Doggett
513-257-3105/2840

DESCRIPTION: MPPR, "Modification Program Progress Report" Master List

Master list of current modifications. GO79.PXCO and GO79.PVCO contain the same information. GO79.PXCO is organized by mod. numbers, and GO79.PVCO is organized by MDS/TMS. There is a MPPR for each ALC. Updates occur six times a year. The MPPR Master List is a product of the Systems and Equipment Modification/Maintenance Program (SEMMP) maintained by Air Force Logistics Center (AFLC) as assigned under AFR 27-8. Through employment of the Automated Data System Designator ((DSD)-GO79), AFLC provides data products that portray depot level maintenance and Class IV, Class V, and AFSC update modification requirements, programs, funds, and schedule status of all Air Force weapon systems and major equipment.

INFORMATION

SOURCE: Each ALC responsible for updating GO79 with latest CCB information.

FORMAT: WR ALC MPPR is presented on the following page.

REMARKS: Each ALC produces a MPPR.

MODIFICATION PROGRAM PASTER LIST BY MCD NR

MCD NR	MCS/TMS	MODIFICATION TITLE	TCO DATA
F2084	C130	INSTL STATION KEEPING ON C130E	IC-130E-545
F2135	H003	MFT EXPLOSION SUPPRESSANT FOAM	1H-3-704 <79 FEB>
F2645	H003	INSTALL WDR NAVIGATION SYSTEM	1H-3-712 <NOT PUBLISHED>
F2727	H0053C	IMPROVE RESCUE HOIST	1H-53-579 <NOT PUBLISHED>
F2755	H001	ADDF/MARKER BEACON CAPABILITY AFE	<SEE REMARKS, EVENTS 182 AHE 183>
F2875	C141A	STRETCH	IC-141A-501 UNPUBLISHED
F2903	C141A	IMPROVED NAV SYSTEM	IC-141A-1470 <JAN1980> <IC-141A-1462 PROTO ONLY>
F2920	1427AR	MOD ARM-98 TO ARM-53	21M-ALP8-516 <31 DEC 79>
F2925	4210	RUNWAY FORTER/RESUPPLY FIRE VEH.	36A11-8-7-501 <30 AUG 79>
F2928	H003	HEADS-UP DISPLAY <HUD>	1H-3-675 <NOT PUBLISHED>
F2934	C130	OMEGA	IC-130-943 <80 SEP>
F2947	8CM034A	INST DIGIDOP DOWNLINK	21M-BCP34-594 2 JUN 77
F2948	8CM034F	INST DIGIDOP DOWNLINK MATIS	21M-BCP34-547 2 JUNE 77
F2963	5865EN	MOD VSP CM285/AR34 TRACK LIGHT	12P6-2AAR34-501
F2971	C123K	LORAN C INSTALLATION	IC-123K-543 <NOT PUBLISHED>
F2996	C130	UPDATE JACC/CP CAPABILITY	IC-130-954 <UNPUBLISHED>
F3027	H0053C	PAVE LOW III SYSTEM	<NOT ESTABLISHED>
F3029	C130	INSTL NON TACT VHF-FM RADIO HC/H	IC-130-501 <NOT PUBLISHED>
F3029	C140B	INST AN/ARN-118 TACAN C140B	IC-140B-503 <NOT PUBLISHED>
11010C	5821	UNF COMMAND RADIO MODERNIZATION	SEE REMARKS, LINE 044
12009C	C007A	TACAN-ARN118	IC-7A-619 <26 NOV 79>
	C130	AN/ARN-118 TACAN	IC-130-931 <31 MAY 80>
	C140A	TACAN-ARN118	IC-140A-527 <NOT PUBLISHED>
	H001	AN ARN 118 TACAN SYSTEM	SEE REMARKS, EVENT 182 AND 183>
13606C	5826	REPLACEMENT OF ARM21-2, <5472	SEE REMARKS, LINE 044
	C130	REPL AN/APN-55C WITH AN/APN-59EV	IC-130-973 <NOT PUBLISHED>
14604E	5841	SOLID STATE OF AN/APN-55B RADAR	IC-135-1044
15610E	1270AY	REPLACE TPC & PSG MO-5/A50-15	18-52-2053 <NOT PUBLISHED>
16201A	4210	MOD OF A/522P-2 FIRE TRUCKS	36A12-0-13-511 <31 MAY 81>
16603E	C141A	INST OF GROUND PROX BARN SYS	IC-141A-1485 7 NOV 79
16611A	1427AR	ARM-9J TORQUE FEEDBACK REMOVAL	21M-ALP9J-505 <1 JUN 81>
16612C	C141A	REDESIGN CARGO RAMP LOCK LATCH	IC-141-513 <3 MAR 82>
16616A	3920	MOD/REMANUFACTURE A/522H-5 TRUCK	36P2-3-20-511
16620C	C130	INSTALLATION OF HAM 310 PROPS	IC-130-936 <29 NOV 1979>
16622B	5826	AN/ARC-65 HE-55B RADIO REPLACEMENT	IC-141A-1515 <NOT PUBLISHED>
16633E	C141A	PILOT OPERABLE WEATHER RADAR	IC-141-514 <NOT PUBLISHED>
17602E	5865EN	MOD OF AN/ALR-46 RADAR BARN SYS	12P3-2ALP46-507
17608E	1427AR	ARM-9J MISSILE INFLUENCE FLZE	21M-ALP9-506
18607E	5820	TRAN PORT ALFT CONTR ELEC TANCE	12R2-4-123-501
19601E	5865EN	MOD OF AN/ALR-2CA THREAT DIS CAP	12P3-2ALP20-515
62003E	C141A	FATIGUE LIFE EXTENSION	IC-141-538 <NOT PUBLISHED>
62015E	5821	INCORP OF OIL LEVEL INDICATOR	3H42-7-518 <80 FEB>
63058E	C130	IMP BLEED AIR OVERHEAT BARN SYS	IC-130-894 <1 MAY 80>
63146E	1270AY	MOD OF SEARCH ANTENNA MO-9 A5G15	11F5-16-509
65021A	5826	MOD OF 51V-4A RECEIVER	12R5-4-6-503 <19 JUL>
	H003	INST FIGH INTENS ANTI/COL STR LI	1H/37653 <NOT PUBLISHED>

TITLE: DO56 System

AGENCY: AFALD/LOEP
WPAFB, OH

CONTACT: Ms. Puckett
513-255-3001/3763

DESCRIPTION: "Standard Reliability and Maintainability Performance Summary"

This report is the standard Air Force reference for historical reliability and maintainability performance information on all operational equipments and weapons. It was developed under HQ USAF direction and is to be used in accordance with guidance provided in AFR 80-5.

Collects and records all maintenance events performed on AFLC monitored systems. Summarizes manhours and maintenance actions by type of maintenance performed. Computes all totals, and computes Mean-Time-Between-Maintenance-Event (MTBME). Provides total fleet operating hours and sorties flown.

Available in hard copy or microfiche upon special request
Information retrieved by WUC, MDS.

INFORMATION

SOURCE: AFM 66-1, T.O. 00-20-2 series, "on" and "off" equipment work reported on AFTO Forms 349 and AFR 65-110 aircraft utilization.

FORMAT: Example pages included.

REMARKS: System is in process of being put on a new computer system.

Note that not all WUCs can be found in system, but a majority of them are there.

PCN: 0-00661-134-WK-HJK
RCS: HAF-LEY (AQ) 7994

STANDARD RELIABILITY AND MAINTAINABILITY
REPORT PERIOD: 1 JUL 74 TO 30 JUN 75
SCOPE: WORLDWIDE INVENTORY

WALC-AFC
FOIS LOGOBS
AV-ARHIS TACAN INS (71)

INVENTORY: 327 OPERATING HOURS: 83341 SORTIES: 61004 LANDINGS: 72135

***** SUMMARY CATEGORY *****	MTM	ON EQ	SHOP	TOTAL	***** MH/S *****	TOTAL	***** MA *****	ON EQ	SHOP	TOTAL	***** HOURS *****
------------------------------	-----	-------	------	-------	------------------	-------	----------------	-------	------	-------	-------------------

** SUBSYSTEM SUMMARY (717)

AV-ARHIS TACAN INS

PREVENTIVE MAINTENANCE	0.00					0		0			0.0
CONSTRUCTIVE MAINTENANCE											
IMPROVED MAINTENANCE	3333.64	.002	.002	.003	.005	25	35	163.3			126.8
OTHER	83341.00	.000	.000	.000	.000	1	1	.7			.0
SUBTOTAL ALL MAINTENANCE	41670.50	.002	.002	.003	.005	26	36	164.0			126.8
NO DEFECT	2976.46	.002	.002	.003	.005	28	39	168.0			166.3
TOTAL ALL MAINTENANCE	1243.97	.003	.002	.003	.005	67	97	213.9			133.6
	877.27	.004	.004	.006	.011	95	136	381.9			299.9

** LOG SUMMARY (717)

PREVENTIVE MAINTENANCE	0.00					0	0	0			0.0
CONSTRUCTIVE MAINTENANCE											
IMPROVED MAINTENANCE	27780.33	.001	.000	.001		3	4	77.8			.0
OTHER	41670.50	.000	.000	.000		0	0	0.0			.0
SUBTOTAL ALL MAINTENANCE	16668.23	.001	.000	.001		2	2	4.0			.0
NO DEFECT	3288.23	.001	.000	.001		5	6	81.8			.0
TOTAL ALL MAINTENANCE	3086.70	.002	.000	.002		22	24	63.2			.0
						27	30	145.0			.0

** LOG SUMMARY (717)

AV-ARHIS TACAN INS

PREVENTIVE MAINTENANCE	0.00					0	0	0			0.0
CONSTRUCTIVE MAINTENANCE											
IMPROVED MAINTENANCE	27780.33	.001	.000	.001		3	4	77.8			.0
OTHER	41670.50	.000	.000	.000		0	0	0.0			.0
SUBTOTAL ALL MAINTENANCE	16668.23	.001	.000	.001		2	2	4.0			.0
NO DEFECT	3288.23	.001	.000	.001		5	6	81.8			.0
TOTAL ALL MAINTENANCE	3086.70	.002	.000	.002		22	24	63.2			.0
						27	30	145.0			.0

PCN: 0-00561-034-WK-MAX
RCSI HAF-LEY (AR) 7904

STANDARD RELIABILITY AND MAINTAINABILITY
REPORT PERIOD: 1 JUL 79 TO 30 JUN 79
SCOPES: WORLDWIDE INVENTORY

USAF C-ACE
F015 LPR026
AR-00018 TACAN INT (71)

INVENTORY: 327 OPERATING HOURS: 83341 SORTIES: 61904 LANDINGS: 72135

***** SUMMARY CATEGORY *****	ITEM	ON LG	SHOP	TOTAL	ON FO	SHOP	TOTAL	EV NTS	TOTAL	MA	ON ED	SHOP
------------------------------	------	-------	------	-------	-------	------	-------	--------	-------	----	-------	------

** LRU SUMMARY (7170)

PREVENTIVE MAINTENANCE	0.00							0		0		.0
CORRECTIVE MAINTENANCE												
INDUCED MALFUNCTION	83341.00	.00	.000					1		1		4.0
OTHER	0.00							0		0		.0
SUBTOTAL ALL MALFUNCTION	83341.00	.00	.000					1		1		4.0
NO DEFECT	83341.00	.00	.000					1		1		4.0
* TOTAL ALL MAINTENANCE	41670.50	.00	.000					2		2		8.0

** LRU SUMMARY (7170)

PREVENTIVE MAINTENANCE	0.00							0		0		.0
CORRECTIVE MAINTENANCE												
INDUCED MALFUNCTION	83341.00	.00	.000					1		1		4.0
OTHER	0.00							0		0		.0
SUBTOTAL ALL MALFUNCTION	83341.00	.00	.000					1		1		4.0
NO DEFECT	83341.00	.00	.000					1		1		4.0
* TOTAL ALL MAINTENANCE	41670.50	.00	.000					2		2		8.0

** LRU SUMMARY (7170)

PREVENTIVE MAINTENANCE	0.00							0		0		.0
CORRECTIVE MAINTENANCE												
INDUCED MALFUNCTION	4630.06	.00	.001	.002	.001	.001	.003	18		27	73.1	91.0
OTHER	0.00							0		0		.0
SUBTOTAL ALL MALFUNCTION	4630.06	.00	.001	.002	.001	.001	.003	18		27	73.1	91.0
NO DEFECT	2525.48	.00	.001	.002	.001	.002	.004	33		53	111.1	123.3
* TOTAL ALL MAINTENANCE	1602.71	.00	.003	.005	.003	.003	.007	52		81	184.9	250.3

STANDARD DELIABILITY AND MAINTAINABILITY
REPORT PERIOD: 1 JUL 78 TO 30 JUN 79
SCOPE: WORLDWIDE INVENTORY

REPORT MADE FOR: LOGS
AN-ARBITER TACAN JTS (71)

INVENTORY: 327 OPERATING HOURS: 83361 SORTIES: 61904 LANDINGS: 72135

***** SUMMARY CATEGORY *****	MTM	ON EQ	SHOP	***** MH/H/S *****	TOTAL	TOTAL	*****	TOTAL	*****	ON EQ	SHOP	*****
PREVENTIVE MAINTENANCE	0.00							0	0	0	0	0.0
CONSTRUCTIVE MAINTENANCE												
INDUCED MAINTENANCE	4630.46	.001	.001	.001	.001	.001	.001	19	27	73.1	91.0	
OTHER	83361.00	.000	.000	.000	.000	.000	.000	1	1	.7	.0	
SUBTOTAL ALL MAINTENANCE	4386.37	.001	.001	.001	.001	.001	.001	19	28	73.8	91.0	
NO EFFECT	2525.48	.001	.001	.001	.001	.001	.001	33	53	111.1	123.3	
* TOTAL ALL MAINTENANCE	1602.71	.002	.003	.005	.002	.004	.007	52	81	184.9	250.3	

** END SUMMARY (71780)
DELETED PAGE

** END SUMMARY (71781)

PREVENTIVE MAINTENANCE	0.00							0	0	0	0	0.0
CONSTRUCTIVE MAINTENANCE												
INDUCED MAINTENANCE	27780.33	.000	.000	.001	.001	.001	.001	3	4	8.4	35.8	
OTHER	0.00							0	0	0	0	
SUBTOTAL ALL MAINTENANCE	27780.33	.000	.000	.001	.001	.001	.001	3	4	8.4	35.8	
NO EFFECT	7576.45	.000	.000	.001	.001	.001	.001	11	19	35.6	10.3	
* TOTAL ALL MAINTENANCE	5052.93	.001	.001	.001	.001	.001	.001	14	23	44.0	49.6	

** END SUMMARY (71780)
TACAN LEXICON

PREVENTIVE MAINTENANCE	0.00							0	0	0	0	0.0
CONSTRUCTIVE MAINTENANCE												
INDUCED MAINTENANCE	27780.33	.000	.000	.001	.001	.001	.001	3	4	8.4	35.8	
OTHER	0.00							0	0	0	0	
SUBTOTAL ALL MAINTENANCE	27780.33	.000	.000	.001	.001	.001	.001	3	4	8.4	35.8	
NO EFFECT	7576.45	.000	.000	.001	.001	.001	.001	11	19	35.6	10.3	
* TOTAL ALL MAINTENANCE	5052.93	.001	.001	.001	.001	.001	.001	14	23	44.0	49.6	

*** END POINT ***

16.02.17. 03/04/79 JAT001 1111 END OF LIST 1111
16.02.17. 03/04/79 JAT004 1111 END OF LIST 1111

TITLE: AFALD Pamphlet 800-4

AGENCY: AFALD
WPAFB, OH 45433

CONTACT: ARINC Research Library

DESCRIPTION: Aircraft Historical Reliability and Maintainability
Data (Sept. '78)

Lists maintenance events per six month intervals. Information is organized by standard MDS and within MDS by WUC. There are 47 aircraft listed. The time period covered is Oct. '72 - Mar '78.

INFORMATION
SOURCE: Edited form D056 System

FORMAT: Refer to example on next page.

Aircraft: 0-2
Time Period: Apr. '75 - Sept. '75
Flying Hours: 35895
Sorties: 18849

Terms: INH - Inherent	Organ. - Organizational, "on"
IND - Induced	equipment maintenance
No. Def - No Defects	Inter. - Intermediate, "Off"
	equipment maintenance

REMARKS: This was a one-time publication put out by AFALD. It is not known whether another will be published subsequent to the next six-year period.

Part 7A - 02 AIRPLANE SYSTEM RELIABILITY AND MAINTAINABILITY SUMMARY

AIRCRAFT 0882 REPORT PERIOD: 1 APR 75 TO 30 SEP 75
 FLYING HOURS: 35895 SORTIES: 10849

MUC SYS SYSTEM MOUN	-NO. OF MAINTENANCE EVENTS-				NUMBER OF MAINTENANCE MANHOURS				NO DEFECT			
	INH	IND	NO DEF	TOTAL	INHERENT	ORGAN	INTER	INDUCED	ORGAN	INTER	ORGAN	INTER
03 SUPPORT GENERAL INSP	0	0	0	0	0	0	0	0	0	0	0	0
04 SUPPORT GENERAL INSP	0	0	0	0	0	0	0	0	0	0	0	0
11 AIRPLANE	1812	1225	257	3345	6733.4	2483.1	77.7	1089.9	42.3	10132.8	2174.2	8.9
12 COCKPIT-FUS COMP	575	235	105	929	1408.1	342.8	2.0	220.5	0	1991.2	127.2	0
13 LANDING GEAR	2866	375	492	2959	7587.1	543.9	131.1	1524.1	405.1	10161.8	1376.1	0
14 FLIGHT CONTROLS	624	173	138	943	3966.8	62.5	353.6	562.8	0	4935.6	124.2	0
21 RECP PNE PLANT	4618	1443	426	6522	18324.8	695.9	26.2	2080.4	128.3	23140.9	1404.5	0
32 HYD PROPELLERS	814	186	408	1409	2850.4	254.4	9.9	1028.3	20.9	4360.3	378.4	0
41	364	102	7	487	924.7	6.3	131.7	11.9	0	1086.4	9.8	0
42 ELECT PWR SUPPLY	1161	175	525	1865	3887.9	1311.8	152.4	1042.6	254.1	5163.7	3121.3	0
44 LIGHTING SYS	429	150	23	612	768.6	12.0	178.7	36.1	0	986.8	37.8	0
45 HYD / PNEU POWER	0	1	0	1	0	0	0	0	0	10.0	0	0
46 FULL SYSTEM	530	223	134	905	2434.8	25.4	352.9	407.9	11.2	3246.0	184.7	0
49 MISC UTILITIES	267	52	3	323	498.2	0	58.1	2.1	0	558.9	14.4	0
51 INSTRUMENTS	489	47	207	669	1993.1	144.8	2.2	543.2	39.6	2628.7	270.8	0
62 VHF COMM SYS	388	14	154	563	1068.4	1254.7	19.4	275.0	95.6	1379.4	1806.4	0
63 UHF CLM SYS	341	12	158	523	942.1	1688.7	9.5	110.7	93.3	1312.5	2312.8	0
64 INTERPHONE	228	19	68	310	627.6	49.5	33.7	145.2	7.1	809.8	75.0	0
65 IFF	151	3	115	274	715.8	414.3	16.7	247.3	87.1	978.8	839.8	0
69 MISC COMM EQUIP	20	2	4	26	36.8	11.1	2.6	15.8	0	55.2	13.1	0
71 RADIO NAVIGATION	841	37	266	1180	2497.5	2888.1	24.5	581.8	148.9	3180.1	4295.9	0
72	1	0	0	1	4.8	0	0	0	0	4.8	0	0
74 FIRE CONTROL	87	16	6	113	338.3	0	42.6	14.8	0	395.2	0	0
75 WEAPONS DELIVERY	213	82	305	612	933.0	211.2	65.0	779.0	253.7	2816.6	1283.3	0
77 PHOTO RECON	9	1	1	11	26.3	15.2	2.6	2.2	0	29.8	22.4	0
91 EMERG EQUIP	2	5	2	15	0.7	0	0	4.3	0	0	0	0
95	0	0	1	2	0	0	0	2.0	0	0	0	0
TOTAL SYSTEMS	15958	4578	3825	24807	58643.6	10237.5	8475.4	11047.9	1589.2	177415.6	19921.0	0

TITLE: RCM

AGENCY: RADC/RBRCM
Griffiss AFB, NY 13441

CONTACT: Mr. J.J. Steinkirchner
315-330-4151
Autovon 587-4151

DESCRIPTION: "System/Equipment Reliability Corporate Memory" is maintained by the Reliability Analysis Center (RAC). RAC is a DoD Information Analysis Center operated by IIT Research Institute, Chicago, Illinois. RCM, as it matures, will provide a mechanism for identification, collection, analysis, and retention of systems/equipment information including total R&M and Cost experience.

RCM is composed of several data bases, some of which are computerized, others which are maintained manually. Intended for extensive, highly technical analysis. For further descriptions refer to examples.

INFORMATION

SOURCE: The majority of the information is submitted by contractors on standard forms.

FORMAT: The data forms used for collecting information are included here to indicate the content of the data bases. Three records are also shown.

REMARKS: Because this is a commercially operated system, time is an important factor. Consideration must be given to funding procedures. This system has just been established in the last several years and is in the process of expanding from a base of twenty systems.

PROGRAM DATA SUMMARY 10

SYSTEM DESIGNATION: NAME _____
TYPE _____

Contractor _____ Contract No. _____

Procuring Agency _____ Using Command _____

Mission Function _____

Data Date: Initial _____ Last _____ Design Yr. _____

Document Acces. No. _____

PROCUREMENT LEVEL

System ☐
Subsystem ☐
Set ☐
Functional Group ☐
Unit/Component ☐

APPLICATION

Space ☐
Aircraft ☐
Ground ☐
Other ☐

MISSION LENGTH

Continuous ☐
>8 hrs. ☐
1 to 8 hrs. ☐
<1 hr. ☐
Not defined ☐

HISTORICAL SUMMARY ☐

CONTRACT DESCRIPTION

LIFE CYCLE PHASE

Concept ☐
Validation ☐
Development ☐
Production ☐
Deployment ☐

Date

TYPE OF CONTRACT

Design to Cost ☐
RIW ☐
CPFF ☐
CPIF ☐
FFP ☐
FPIF ☐

PROCUREMENT TYPE

Existing Design ☐
Modified Design ☐
New Design ☐
Equip. Maint. ☐

R FINANCIAL POSTURE

R Incentive Award ☐
R > 5% of Budget ☐
R < 5% of Budget ☐
Not Determined ☐

PROCUREMENT APPROACH

Low Bidder ☐
Minimum LCC ☐
Minimum Support ☐
Technological ☐

(one per contract)

R&M PROGRAM

DOCUMENT

MIL-STD-470
MIL-STD-471
MIL-HDBK-472
MIL-STD-756
MIL-STD-781
MIL-STD-785
MIL-HDBK-217
RADC Notebook
MIL-HDBK-217B

CONTRACTURAL

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N/A

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R&M ANALYSIS/PRED

R per MIL 756 ☐
M per MIL 472 ☐
Other Formal R ☐
Other Formal M ☐
Informal R ☐
Informal M ☐
No. Req't ☐

R&M NUMERICS

Contract MTBF ☐
Contract MTTR ☐
MTBF Design Goal ☐
MTTR Design Goal ☐
No Req't ☐

DESIGN REVIEWS

≥ 2 Formal ☐
1 Formal ☐
Informal Only ☐
None Required ☐

FAILURE REPORTING/ CORRECTIVE ACTION

Formal FRACAS Req't ☐
Formal Report Only ☐
Informal Report Only ☐
Not Required ☐

R/M DEMONSTRATION

R Demo Plan ☐
M Demo Method ☐
Other R Demo Req'ts ☐
Other M Demo Req'ts ☐
No R Demo ☐
No M Demo ☐

DESIGN ANALYSIS

FMEA/FMECA ☐
Fault Tree ☐
Worst Case Elect. ☐
Thermal ☐
Other ☐

DEVELOPMENT TESTS

Design Qualif. ☐
Environ. Qualif. ☐
R Growth Test ☐
Fly-off ☐

PRODUCTION INSPECT

Sample Inspection ☐
100% Accept Test ☐
Process. Screening ☐
R Verify MIL 781 ☐

(one per contract)

TECHNICAL DATA SUMMARY FORM

ITEM DESCRIPTION:

Data Level

System ☐

Subsystem ☐

Set ☐

Functional Group ☐

Unit/Component ☐

Name _____

Type _____ WUC _____

Contract No. _____

Manufacturer _____

Data Date: Initial _____ Last _____

Used on/Higher Assy. _____

Name _____

Type _____ WUC _____

Document Access. Nos. _____

Technical Data

CATEGORY

Radar ☐ Computer ☐ Controls/Displays ☐ Weapons ☐

Communications ☐ ECM/EW ☐ Guidance/Navigation ☐ Test Equip. ☐

Software ☐ Other ☐

DESIGN APPROACH

TECHNOLOGY

MAJOR PARAMETERS

Parameter	Value	Units
1 _____	_____	_____
2 _____	_____	_____
3 _____	_____	_____
4 _____	_____	_____
5 _____	_____	_____
6 _____	_____	_____
7 _____	_____	_____
8 _____	_____	_____
9 _____	_____	_____
10 _____	_____	_____
11 _____	_____	_____
12 _____	_____	_____
13 _____	_____	_____
14 _____	_____	lbs
15 _____	_____	cu. ft.
16 _____	_____	_____
17 Height	_____	in.
18 Width	_____	in.
19 Depth	_____	in.
20 Power Consumption	_____	watts

(one per equipment)
A-64

RELIABILITY PLANS

FAULT TOLERANCE

Redundant Chan./Equip. ☐
 Graceful Degrade ☐
 Degraded Modes ☐
 None ☐

DERATING GUIDELINES

High Rel. ☐
 Intermediate ☐
 Commercial ☐

PART QUALITY GRADE/
SCREEN CLASS

TXV, JAN 38510 ☐
 TX, 883 ☐
 JAN, Hermetic ☐
 Commercial, Plastic ☐

MAINTAINABILITY FEATURES

DEPTH OF BIT

Performance Monitor ☐
 Fault Detection ☐
 Fault Isolation ☐
 None ☐

BIT METHODOLOGY

Software Controlled ☐
 Hardware Controlled ☐
 Manual ☐
 Combination ☐

BIT IMPLEMENTATION

G.P. Computer ☐
 Microprocessor ☐
 Hardwire Controller ☐
 Panel Meters ☐

DIAGNOSTIC LEVEL

Equipment ☐
 Unit ☐
 Assy ☐
 Part ☐

REPLACEMENT LEVEL

Equipment ☐
 Unit ☐
 Assy ☐
 Part ☐

TYPE COOLING

Ambient Air ☐
 Forced Air ☐
 Liquid ☐
 Other ☐

COMPLEXITY/CRITICALITY

MISSION CRITICALITY

High ☐
 Medium ☐
 Low ☐

ITEM COMPLEXITY

No of Parts _____
 No Part Types _____
 No Active Elements _____

ACTIVE ELEMENT COUNT

Tubes _____
 Discrete Semis _____
 Hybrid ICs _____
 Monolithic Linear _____
 SSI/MSI Digital IC _____
 LSI ICs _____
 Microprocessors _____

REMARKS ☐

(one per equipment)

TECHNICAL CHANGE SUMMARY FORM

Name _____

Contract Number _____

Data Level: _____ SEQ NUMBER _____

SYSTEM _____ ZIP _____

SUBSYSTEM _____

SET _____ DAN _____

FUNCTIONAL GROUP _____

UNIT/COMPONENT _____

LEVEL 1 _____

LEVEL 2 _____

LEVEL 3 _____

Change Data:

FIELD _____

NEW VALUE _____

CHANGE DATE _____ M / Y

ECO/ECN NUMBER _____

(one per equipment per change)

FINANCIAL AND SUPPORT DATA SUMMARY FORM

Nomenclature _____
 Identification No. _____ Contract No. _____
 Source Document Acces. No. _____

ACQUISITION COST

	<u>ESTIMATED/PROPOSED</u>	<u>ACTUALS</u>
R&D cost	_____	_____
Test & Evaluation Cost	_____	_____
Non-Recurring Production Cost	_____	_____
Recurring Production Cost	_____	_____
Quantity Procured	_____	_____

ACQUISITION FACTORS (Subsume)

SUPPORT COST

	<u>LCC MODEL INPUTS</u>	<u>ACTUALS</u>
Initial and Pipeline Spares	_____	_____
Replacement Spares	_____	_____
On-Equipment Maintenance	_____	_____
Off-Equipment Maintenance	_____	_____
Inventory Entry and Supply Management	_____	_____
Support Equipment	_____	_____
Personnel Training and Training Equipment	_____	_____
Technical Data and Documentation	_____	_____
Logistics Management	_____	_____

SUPPORT FACTORS

<u>APPLICABLE MAINTENANCE & ECHELONS</u>	<u>SKILL LEVEL</u>	<u>NO. OF PERSONNEL</u>	<u>LOWEST LRU/SRU SPARING</u>
Organization (Field) <input type="checkbox"/>	_____	_____	<input type="checkbox"/>
Intermediate (Shop) <input type="checkbox"/>	_____	_____	<input type="checkbox"/>
Depot/Plant <input type="checkbox"/>	_____	_____	<input type="checkbox"/>

LPU/SRU REPAIR STRATEGY

Throw Away	<input type="checkbox"/>
Intermediate Repair	<input type="checkbox"/>
Depot Repair	<input type="checkbox"/>

SITE MAINTENANCE LEVEL

LRU	<input type="checkbox"/>
SRU	<input type="checkbox"/>
Per	<input type="checkbox"/>

(one per equipment)

R&M PROGRAM EFFECTIVENESS FORM

	WEIGHT	SOURCE
1. Were all of the original R/M program requirements completed in their entirety?	_____	_____
2. Were some R/M items subsequently eliminated or reduced due to dollar or schedule constraints? If so, which ones, and why?	_____	_____
3. As the program progressed did the attention to the R/M requirements increase, decrease, or stay the same?	_____	_____
4. Did significant management changes or organizational changes occur during the program affecting either the contractor or the procuring agency?	_____	_____
5. If so, did this change the attitude of either or both regarding the R/M requirements?	_____	_____
6. Were there major program changes in the course of the program such as a significant reduction in the number of items to be procured, program stretch-outs, mission definition changes, etc.?	_____	_____
7. How did these program changes affect the R/M requirements?	_____	_____
8. Did major ECP design changes occur as a result of R/M deficiencies uncovered during:		
a. manufacturing	_____	_____
b. contractor's tests	_____	_____
c. demonstration tests	_____	_____
d. field deployment	_____	_____
9. Were there major problem areas uncovered during the PDR/CDR?	_____	_____
10. If so, were these resolved in a timely manner to the satisfaction of both the contractor and the procuring agency?	_____	_____
11. Did significant cost overruns occur on the program? To what were these attributed?	_____	_____
12. Were R/M deficiencies significant contributors to any cost overruns?	_____	_____
	100	

High R&M Program Effectivity > 90
 Medium R&M Program Effectivity 50 - 90
 Low R&M Program Effectivity < 50

(one per equipment)

RELIABILITY DATA SUMMARY FORM

ITEM DESCRIPTION:

Data Level

System []

Subsystem []

Set []

Functional Group []

Unit/Component []

Name _____

Type _____ WUC _____

Contract No. _____

Period Covered _____ to _____

Data Date _____ Document Access. No. _____

Used on/Higher Assy

Name _____

Type _____ WUC _____

R Numeric _____ hrs

RELIABILITY PARAMETER

Series/Logistics MTBF []

Functional MTBF []

PROGRAM PHASE

Development []

Production []

Operational []

FAILURE DATA

Relevant Failures _____

Non Relevant Failures _____

Operating Hours _____

Non Operating Hours _____

DATA SOURCE

Contract/Spec. Req't []

Allocation []

Analysis/Prediction []

Demon. Test Report []

Production Verify []

SEDS/Operate Time []

66-1/Flight Time []

66-1/Operate Time []

Other (explain) []

ENVIRONMENT

Grd Benign []

Space Flight []

Grd Fixed []

Grd Mobile []

Naval Sheltered []

Naval Unsheltered []

Airborne Inhabited []

Airborne Uninhabited []

Missile Launch []

FAILURE MODE DATA

Mode Qty

REMARKS []

(one per equipment per test)

FAILURE HISTORY SUMMARY FORM

CONTRACT NO.

Y 1 3 5 7 9 11 13 15 17 19

EQUIPMENT TYPE

SEQ NO

21 40 42 44

FAIL
NO

RCV
FLF

ETI
(HRS)

QTY

FAILURE HISTORY

Z 1 3 7 9 11 12 16 18 19 21 36

37 72

1 36

37 72

Z 1 3 7 9 11 12 16 18 19 21 36

37 72

1 36

1 72

Z 1 3 7 9 11 12 16 18 19 21 36

37 72

1 36

37 72

Z 1 3 7 9 11 12 16 18 19 21 36

37 72

1 36

37 72

(one per equipment per test)

MAINTAINABILITY SUMMARY

ITEM DESCRIPTION:

Data Level

System

Subsystem

Set

Functional Group

Unit/Component

[]

[]

[]

[]

[]

Name

Type

Contract No.

Period Covered

Data Date

Document Access. No.

Used on/Highest Assy

Name

Type

WUC

WUC

M Numeric

Based on

Samples

PROGRAM PHASE

DATA TYPE

MAINTAINABILITY PARAMETER

Development

Production

Operational

[]

[]

[]

Specified/Asportion

Predicted

Demonstrated

Flight/Field Test

Operational

[]

[]

[]

[]

[]

MTTR

M_{CT}

M_{Max} (95%)

M_{Max} (90%)

M_{PT}

MMH/FH/Operate Hr

Mean Down Time

BIT Effectiveness

Organ. Inter.

[]

[]

[]

[]

[]

[]

[]

[]

BIT EFFECTIVENESS

On Line/Automatic

Off Line/Initiator

FAULT DETECTION

Capability

False Alarms

%

%

%

%

FAULT ISOLATION

to (1) LRU/SRU

to _____ or less LRU/SRUs

%

%

%

%

REMARKS

[]

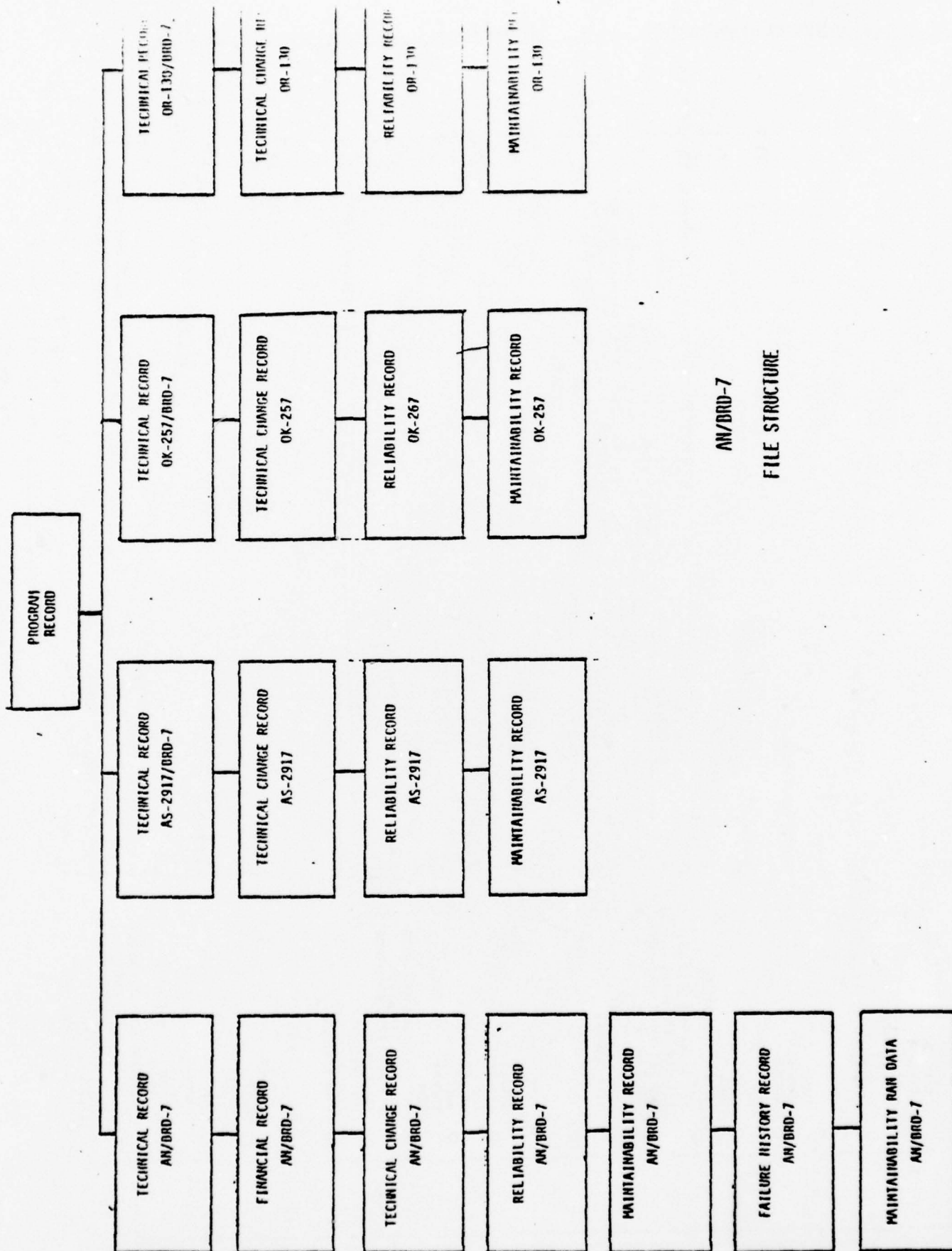
(one per equipment per test)

Main Seq No. _____

No. Men in Crew

Time Record In _____

(one per equipment per test)



AN/BRD-7
FILE STRUCTURE

- (15) ORG INT DEPT
- (16) MICROPT MISS-CRITIC
- (17) COMPLEXITY
- (18) ACT ELEMENT CNT
- (19) REMARKS

RELIABILITY RECORD (EXAMPLE)

TYPE
CMT #
SYSTEM
SUB-SYSTEM
SET
GROUP
UNIT
SEONO
PRGRP

START END DATA DATE
(4) DAN (6) R-NUM
(7) REL-PARAN PRIKO-PIISE
(8) FAIL-DATA
(9) AVAIL-PS
(10) D-SHC ENV
(11) REMARKS

FAILURE
INDICATES COMPANY IMPOSED PROPRIETY

IN HOURS
DEVELOPMENT PHASE
R-NUM IS THE SPECIFIED VALUE
NAVAL SHELTERED ENVIRONMENT
R-NUM AT LOWER 43% CONFIDENCE LEVEL
R-NUM IS SPECIFIED AT THIS LEVEL

TYPE
CMT #
SYSTEM
SUB-SYSTEM
SET
GROUP
UNIT
SEONO
PRGRP

START END DATA DATE
(4) DAN (6) R-NUM
(7) REL-PARAN PRIKO-PIISE
(8) FAIL-DATA
(9) AVAIL-PS
(10) D-SHC ENV
(11) REMARKS

FAILURE
INDICATES COMPANY IMPOSED PROPRIETY

IN HOURS
DEVELOPMENT PHASE
R-NUM IS THE SPECIFIED VALUE
NAVAL SHELTERED ENVIRONMENT
R-NUM AT LOWER 43% CONFIDENCE LEVEL
R-NUM IS SPECIFIED AT THIS LEVEL

TYPE
CMT #
SYSTEM
SUB-SYSTEM
SET
GROUP
UNIT
SEONO
PRGRP

START END DATA DATE
(4) DAN (6) R-NUM
(7) REL-PARAN PRIKO-PIISE
(8) FAIL-DATA
(9) AVAIL-PS
(10) D-SHC ENV
(11) REMARKS

FAILURE
INDICATES COMPANY IMPOSED PROPRIETY

IN HOURS
DEVELOPMENT PHASE
R-NUM IS THE SPECIFIED VALUE
NAVAL SHELTERED ENVIRONMENT
R-NUM AT LOWER 43% CONFIDENCE LEVEL
R-NUM IS SPECIFIED AT THIS LEVEL

700039-72-C-1050

SYSTEM
SUB-SYSTEM
SET
GROUP
UNIT
SEOMO
PROP
FAILNO
(4) START END D. DATE
(5) DAN (6) M-NUM BOW
(7) P-PH DTYPE M-PAR
(8) FLT DETECT
(9) FLT ISO
(10) REMARKS

AN/BRD-7

003
2

11403 0300 01/75

M-Numeric is 200 HRS
INDICATES THAT M-Numeric is 10
INDICATES THAT M-Numeric is 10
MEAN TIME BETWEEN PREVENTATIVE MAINTENANCE ACTION (MINIMUM) IS the specified value.

TYPE
CONF #
SYSTEM
SUB-SYSTEM
SET
GROUP
UNIT
SEOMO
PROP
FAILNO
(4) START END D. DATE
(5) DAN (6) M-NUM BOW
(7) P-PH DTYPE M-PAR
(8) FLT DETECT
(9) FLT ISO
(10) REMARKS

P
N00039-72-C-1050

AN/BRD-7

004
2

12270 03/75 05/75
1 3 18

Testing period

number of repair actions
M-Numeric in hours
M-Numeric was demonstrated during a test
INDICATES THAT value was demonstrated during a test
INDICATES M-Numeric is organizational MTTR
INDICATES M-Numeric is organizational MTTR
DIAGNOSTIC & REPLACE TIME (UNIT/COMPONENT) DURING INTEGRATION TEST, SYS ← Qualifies MTTR
A27-40. FAIL NO. SAME AS FAIL HISTORY FILE.

We also have provisions to store the raw data
using the same fail-no as the failure history
file allows us to tie the maintenance times
with specific failure events

TYPE
CONF #
SYSTEM
SUB-SYSTEM
SET
GROUP
UNIT
SEOMO
PROP
FAILNO
(4) START END D. DATE
(5) DAN (6) M-NUM BOW
(7) P-PH DTYPE M-PAR
(8) FLT DETECT
(9) FLT ISO
(10) REMARKS

P
N00039-72-C-1050

AN/BRD-7

005
2

12270 02/74 03/75
1 3 18

DIAGNOSTIC & REPLACE TIME (UNIT/COMPONENT LEVEL) DURING QC TEST, SYS A27
-40. FAIL NO. SAME AS FAIL HISTORY FILE.

TYPE
CONF #
SYSTEM
SUB-SYSTEM
SET
GROUP
UNIT
SEOMO
PROP
FAILNO

P
N00039-72-C-1050

AN/BRD-7

006
2

FAILURE HISTORY RECORD (EXAMPLE)

CONTRACT NUMBER 00039-72-G-1050 SET NO/ENCLATURE 4H/BRD-7 SEQUENCE NUMBER 00A INDICATES INTEGRATION TEST

FAILURE REPORT NUMBER 4-1
 FAIL RPT NO SUFFIX
 REASON FOR FAILURE D 4 MGR. WORKMANSHIP DEFICIENCY
 CRITICALITY LEVEL A 4 RELEVANT FAILURE
 VERIFICATION A 4 VERIFIED
 ETI READING 00147 HOURS
 NO. OF LIKE FAILURES 1
 SET SERIAL NUMBER A4
 CKT REF DESIGNATOR 2A4TBI
 FAILURE HISTORY
 WIRING ERROR 2A4TBI A4

FAILURE REPORT NUMBER 4-2
 FAIL RPT NO SUFFIX
 REASON FOR FAILURE C 4 DESIGN DEFICIENCY
 CRITICALITY LEVEL A 4
 VERIFICATION A 4
 ETI READING 00147
 NO. OF LIKE FAILURES 1
 SET SERIAL NUMBER A4
 CKT REF DESIGNATOR 3A4A7A1
 FAILURE HISTORY
 INCORRECT LOCK LOOP ADD 6DB PAD TO 3A1.3A4A7A1R1-R3.A4.
 RELEVANT/CORRECTED (R/C)-ECO 58158

FAILURE REPORT NUMBER 4-3
 FAIL RPT NO SUFFIX
 REASON FOR FAILURE A 4 PERSONNEL INDUCED
 CRITICALITY LEVEL B 4 NON-RELEVANT
 VERIFICATION A 4
 ETI READING 00147
 NO. OF LIKE FAILURES 1
 SET SERIAL NUMBER A4
 CKT REF DESIGNATOR 3A1J2
 FAILURE HISTORY
 SYSTEM NOT INDICATION-R/R 3A1J2 PIN N SHORTED-A4

FAILURE REPORT NUMBER 4-4

FAIL RPT NO SUFFIX
 REASON FOR FAILURE

TITLE: C-ML-AF

AGENCY: Defense Logistics Services Center
Attn: DLSA-APPC
Federal Center
Battle Creek, Michigan 49016

CONTACT:

DESCRIPTION: Air Force "Management Data List" provides management and ordering information. Updated quarterly and issued in microfiche format. Includes manufacturers, acquisition information, and unit price keyed by NSN.

INFORMATION
SOURCE: Information supplied by all branches of the armed forces.

FORMAT: Included here are a few lines typical of the C-ML-AF.
Refer to next page.

REMARKS: None

EXTRACTED FROM THE C-ML-AF

ACT	NSN	SOS	AAC	QUP	UI	Unit Price	SLC	SEC	RC	MCD-AF			DML	Item Name	PC	Phrase Statement
										Fund Code	Budg. Code	MMAC				
	5950-00-001-2620	FLZ	D	1	EA	284.19	0	U	N		1	AY	B	Transformer, Electri		

Where the columns are defined below

ACT - Public Action Code	RC	- Repairability Code
NSN - National Stock Number	MCD-AF	- Management Control Data-AF
SOS - Source of Supply Code	Budg. Code	- Budget Code
AAC - Acquisition Advice Code	MMAC	- Material Management Aggregate Code
UI - Unit of Issue	DML	- Demilitarization Code
SLC - Shelf Life Code	PC	- Phrase Code

TITLE: C-RL-1

AGENCY: Defense Logistics Services Center
Attn: DLSA-APPC
Federal Center
Battle Creek, Michigan 49016

CONTACT:

DESCRIPTION: "Manufacturer's Part Number to NSN". Cross References manufacturer's part no. to NSN, also includes manufacturer. Updated semi-annually. DoD product, distributed on microfiche. Includes most items connected with aircraft, ships, vehicles, or support equipment. The C-RL-1 is distributed periodically in microfiche form.

INFORMATION

SOURCE: Information supplied by all branches of the armed forces.

FORMAT: Included here a few lines typical of the C-RL-1, Refer to next page.

REMARKS: Nomenclatures are recorded as a small subset of the part numbers.

Extracted from the C-RL-1

<u>REF. No.</u>	<u>FSCM</u>	<u>RNVC</u>	<u>NSN</u>
AB609B	24123	2	4130-00-461-3891
AB622	12204	2	3120-00-287-6901
AB622	70417	2	3120-00-287-6901

Where the columns are defined below.

Reference Number can be: Manufacturer's Part No.
Drawing No.
Model No.
Type No.
Source Controlling No.
Specification Controlling No.
Manufacturer's Trade Name
Specification or Standard Part,
Drawing, or Type No.

FSCM: Federal Supply Code for manufacturers as listed in the H-4 Series Cataloging books.

RNVC: Reference Number Variation Code

Code 1 - Non-Identifying
2 - Identifying
3 - Reparable Source Control
9 - Reference number has been superseded,
cancelled, or is obsolete or discontinued

Alphabetic - Letter for agency if no direct relationship

NSN: National Stock Number, composed of applicable four-digit Federal Supply Class (FSC) Code and the nine-digit National Item Identification Number (NIIN).

APPENDIX B

CODING TABLES

This appendix contains the coding tables that were used in mechanizing the APB, and which we also propose to use in the AHD. These tables are as follows:

Table B-1:	Aircraft Codes by MDS
Table B-2:	Codes for Aircraft Classes (Group)
Table B-3:	Codes for Equipment Classes (Groups)
Tables B-4 - B-16:	Codes for Equipment Functions (Types)
Tables B-17 - B-29:	Codes for Equipment Nomenclature

TABLE B-1. AIRCRAFT CODES BY MDS

Code	Aircraft	Code	Aircraft
1	A-7D	49	EB-57B
2	A-10A	50	Not Used
3	A/OA-37B	51	Not Used
4	AC-130A	52	EC-135B
5	O-2A	53	EC-130E
6	OV-10A	54	EC-135A
7	O-2B	55	EC-135N
8	AC-130H	56	EF-111A
9	A-7K	57	EC-135C
10	B-1	58	EC-135G
11	B-52D	59	F-105G
12	B-52G	60	F-105F
13	B-52H	61	F-105D
14	B-57C	62	F-4C
15	FB-111A	63	F-4D
16	Not Used	64	F-4E
17	NMB	65	F-4G
18	C-140 B	66	F-5B
19	VC-9C	67	Not Used
20	C-5A/B	68	F-16A
21	VC-6A	69	Not Used
22	C-7A	70	F-101B
23	C-9A	71	Not Used
24	C-12A	72	F-105B
25	Not Used	73	F-106A
26	Not Used	74	F-111A
27	MC-130E	75	F-111D
28	C-123K	76	F-111E
29	C-130A	77	F-111F
30	C-130B	78	F-15 Intercept
31	C-130D	79	EC-135P
32	C-130E	80	Not Used
33	C-130H	81	Not Used
34	HC-130H	82	HH-1H
35	VC/C-131B	83	TH/UH-1F
36	NC/C-131H	84	CH-3E
37	C/NC-135A	85	HH-53B
38	C-135B/C	86	HARV
39	KC-135A	87	Not Used
40	VC-137B/C	88	Not Used
41	C-140A	89	DC-130H
42	YC-141B	90	Not Used
43	EC-135H	91	RC/135A/D/M/S/T/U/V
44	EC-135J	92	RF-4C
45	EC-135K	93	Not Used
46	EC-135L	94	SR-71A/B
47	E-3A	95	WC-130E
48	E-4A/B	96	WC-135B

(continued)

TABLE B-1. (continued)

Code	Aircraft	Code	Aircraft
97	Not Used	145	HH-X
98	CT-39A/F	146	RC-X
99	T-33A	147	ARPV
100	T-37B	148	TR-1
101	T-38A	149	T-38B
102	T-39A/B/F	150	F-101F
103	T-41C	151	UH-1N
104	T-43A	152	UH-1P
105	Not Used	153	F-16B
106	U-2	154	HH-53C
107	Not Used	155	CH-53C
108	UV-18B	156	C/NC-141A
109	AC-X	157	KC-135Q
110	Not Used	158	WC-130H
111	Not Used	159	UH-X
112	K-10A	160	HH-53H
113	Not Used		
114	AV-X		
115	FAC-X		
116	Not Used		
117	RF-X		
118	BGM-34C		
119	Not Used		
120	CMC		
121	Not Used		
122	Not Used		
123	Not Used		
124	Not Used		
125	Not Used		
126	Not Used		
127	Not Used		
128	ATRS		
129	Not Used		
130	F-5E		
131	F-5F		
132	F-15A		
133	F-15B		
134	F-15C		
135	F-15D		
136	HC-130N		
137	HC-130P		
138	VC/C-131D		
139	VC/C-131E		
140	F-106B		
141	AQM-34L		
142	AQM-34M		
143	AQM-34V		
144	HH-3E		

TABLE B-2. CODES FOR AIRCRAFT CLASSES (GROUPS)	
Code	Aircraft Type
0	ATTACK/FAC
1	BOMBER
2	CARGO/TANKER
3	ELECTRONIC
4	FIGHTER
5	HELICOPTER
6	RECONNAISSANCE
7	TRAINER
8	UTILITY
9	REMOTELY-PILOTED VEHICLES

TABLE B-3. CODES FOR EQUIPMENT CLASSES (GROUPS)	
Code	Equipment Group
01	C COMMUNICATION
02	N NAVIGATION
03	NWD NAV/WEAPONS DEL
04	WD WEAPONS DELIVERY
05	ID IDENTIFICATION
06	IN INSTRUMENTATION
07	EW ELECT. WARFARE
08	R RECONNAISSANCE
09	M MISSION EQUIPMENT
10	FL FLIGHT CONTROLS
11	EN ENGINE CONTROLS
12	EL POWER DISTRIBUTION
13	MS MISCELLANEOUS
14-99	NOT USED

TABLE B-4. COMMUNICATION EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	Not used	49	ECCM
2	Not used	50	MEECN
3	MODEM	51	IFF/SIF
4	Audio System	52	INTEGRATED CONTROLS
5	AUTODIN	53	INT. COMM. PROCESSOR
6	BACK-UP DATA LINK	54	SEC. DIG. DATA SYS.
7	CABIN ADDRESS	55	SWITCHBOARD
8	COMM. CONSOLE SYSTEM	56	Not used
9	COMMUNICATION SET	57	Not used
10	CREW INTERCOMM	58	Not used
11	CRYPTO	59	Not used
12	CW/FM DATA LINK	60	POWER AMPLIFIER
13	ELECT. KEY GEN.		
14	EMERGENCY RADIO		
15	EMERG. RADIO TRANS.		
16	EMERGENCY UHF		
17	FM RADIO TELEPHONE		
18	INT. ELECT. CENTRAL		
19	HF RADIO		
20	HF-SSB RADIO		
21	INTERCOM		
22	LF RADIO		
23	LOUDHAILER SET		
24	MODULAR COMMAND RADIO		
25	NOISE MOD.		
26	P.A. SYSTEM		
27	PASSENGER INTERCOMM		
28	RADIO FILTER		
29	SAT. TERMINAL		
30	SECURE INTERCOMM		
31	SECURE VOICE		
32	SHF SATCOMTERM		
33	TADIL A		
34	TADIL C		
35	TELEPRINTER		
36	TELETYPE ADAPTER		
37	TRANSPONDER		
38	TYPEWRITER		
39	UHF RADIO		
40	UHF AUX. RECEIVER		
41	UHF BACK-UP		
42	UHF MULTIPLEXER		
43	VHF-AM RADIO		
44	VHF-FM RADIO		
45	VHF-AM/FM RADIO		
46	VLF RADIO		
47	VLF/LF RADIO		
48	TAC SECURE VOICE		

TABLE B-5. NAVIGATION EQUIPMENT			
Code	Equipment Type	Code	Equipment Type
1	NOT USED	49	MULTIPLE DRONE CONTROL
2	LARA	50	NAV. COMPUTER
3	ATC TRANSPONDER	51	NAV. DATA ENTRY PANEL
4	AHRS	52	NAV. DATA DISPLAY PANEL
5	ABN INTERROGATOR	53	NAV. DISPLAY UNIT
6	ABN PROFILE RECORDER	54	NAV. RADAR
7	AUT. DIR. FINDER	55	OMEGA
8	AERIAL TRACK SYSTEM	56	RADAR ALTIMETER
9	AHRU	57	NOT USED
10	AIMS CADC.	58	RADAR BEACON
11	ALS/MLS	59	RADAR INDICATOR
12	ALS/DME	60	RADAR TRANSPONDER
13	ALTIMETER	61	RADIO BEACON SET
14	ASTRO COMPASS	62	RADIO COMPASS
15	AWADS RADAR	63	RECORDER
16	CADC	64	RENDEZVOUS BEACON
17	COMPARATOR WARNING SYS.	65	SEARCH & WEATHER RADAR
18	COMPASS	66	SEARCH RADAR
19	DF	67	SHORAN
20	DME	68	SIDS
21	DOPPLER	69	SKE
22	DOPPLER COMPUTER	70	SPN
23	DOPPLER DRIFT SYSTEM	71	STRAIGHT LINE INDICATOR
24	DOPPLER RADAR	72	TACAN
25	DR CAPABILITY	73	TALAR
26	DR COMPUTER	74	TELEVISION CAMERA
27	DRIFT METER	75	TFR
28	EVS	76	UHF-DF
29	FLIR	77	VHF-DF
30	FLIGHT DIRECTOR COMP.	78	VHF NAV. SYSTEM
31	FLR	79	VOR
32	FM HOMING SYSTEM	80	VOR/LOC
33	GAVRS SYSTEM	81	VOR/ILS
34	GLIDESLOPE	82	WAVE METER
35	GLIDESLOPE/MARKER BEACON	83	WEATHER RADAR
36	GROUND POSITION IND.	84	X-BAND BEACON
37	GPS	85	X-BAND INTERROGATOR
38	GYRO PLATFORM	86	BEACON AIDED RADAR
39	ILS	87	DIGITAL BNS/INS
40	INERTIAL	88	NOT USED
41	INS	89	NOT USED
42	JTIDS	90	PAVE PHANTOM
43	LF-ADF/AP	91	NAV. REC. UNIT
44	LORAN	92	COMM/NAV
45	NOT USED	93	NAV SYSTEM
46	MAP RADAR	94	INTERFACE CONTROLS
47	MARKER BEACON	95	X-BAND TRANS. ASSY.
48	MULTIMODE RADAR	96	RADAR ALT. WARN. SET

(continued)

TABLE B-5. (continued)

Code	Equipment Type	Code	Equipment Type
97	IMP. NAV. SYS.		
98	DIGITAL ADC		
99	DATA LINK		

TABLE B-6. NWD EQUIPMENT			
Code	Equipment Type	Code	Equipment Type
1	NOT USED	49	WEAPON RELEASE COMPUTER
2	NOT USED	50	AIMS CADC
3	HOBBS	51	NOT USED
4	BEACON BOMB	52	NOT USED
5	ACUC	53	NOT USED
6	AIR SEARCH RADAR	54	SCAN CONVERTER DISPL. SYS
7	AIM-9 GUID. COMPUTER	55	IMP AIR-TO-AIR MISSILE
8	AIM-9 MISSILE SYSTEM	56	AND COMP OPTIC SIGHT
9	ATTACK RADAR	57	GUIDED MUNITIONS
10	ATT. REF. BOMB. COMPUTER	58	MULTI AIM PTS
11	AUTO. ASTRO COMPASS	59	HORIZONTAL SITUATION DIS
12	AUTO. GUN		
13	BOMB-NAV. SYSTEM		
14	CENTRAL COMPUTER		
15	COMBAT DOCUM. SYSTEM		
16	COMPASS SYSTEM		
17	COMPUTER CONTROL UNIT		
18	EO DISPLAY		
19	FIRE CONTROL RADAR		
20	FIRE CONTROL SYSTEM		
21	FLR		
22	GEN. PUR. COMP.		
23	GUN CAMERA		
24	HSI		
25	HUD		
26	INT. DISPLAY SET		
27	LEAD COMPUTING SIGHT		
28	LGB SYSTEM		
29	LOW ALTITUDE BOMB SYS.		
30	MAP DISPLAY		
31	MISSILE GUID. TRANSMITTER		
32	MULTIPLEXER CONV. UNIT		
33	NAV. DISPLAY UNIT		
34	OPTICAL DISPLAY SIGHT		
35	OPTICAL GUNSIGHT		
36	RADAR ALTIMETER		
37	RADAR SET		
38	RADAR/EO DISPLAY SET		
39	SIGHT ASSEMBLY		
40	SIGNAL CONVERTER UNIT		
41	SURFACE MAP RADAR		
42	TACTICAL COMPUTER		
43	TARGET ACQ. RADAR		
44	TARGET DESIGNATOR POD		
45	TARGET DESIGNATOR SET		
46	TFR		
47	WEAPONS BAY GUN SYSTER		
48	WEAPONS CONTROL SYSTEM		

TABLE B-7. WD EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	NOT USED		
2	NOT USED		
3	NOT USED		
4	TV MONITOR		
5	3L TELEVISION		
6	ABN ILLUMINATOR		
7	ADS		
8	ARMAMENT CONTROL SYSTEM		
9	ARMING CONTROL		
10	ATT. REF. SYSTEM		
11	BEACON TRACKING RADAR		
12	FIRE CONTROL SYSTEM		
13	FIRE CONTROL COMPUTER		
14	FIRE CONTROL DISPLAY		
15	FIRE CONTROL RADAR SYS		
16	GUN BOMB ROCKET SIGHT SYS		
17	INT. ELECT. CENTRAL		
18	IR DETECTOR		
19	LASER ILLUMINATOR		
20	LASER TARGET DESIGNATOR		
21	LASER TARGET DES./RANGER		
22	LASER TRACKER		
23	LCOSS		
24	LEAD COMP. GYRO		
25	MISSILE SYSTEM		
26	OPTICAL GUNSIGHT		
27	RADAR		
28	SEARCHLIGHT		
29	SENSOR ANGLE DISPLAY		
30	SLAVE SWITCH UNIT		
31	STABILIZED TRACKING SET		
32	STORE MANAGEMENT SET		
33	TELEPRINTER		
34	TRAINABLE GUN SYSTEM		
35	VIDEO RECORDER		
36	WEAPONS DEL. VISUAL SIM.		
37	AWADS RADAR		
38	FLIR		
39	TFR		
40	SIX SHOOTER SIGHT		
41	SIX SHOOTER COMPATIBILITY		
42	SIX SHOOTER ODU RELOCATE		
43	SIX SHOOTER GUN & SIGHT		
44	DATA LINK		
45	MAVERICK		
46	LASER		

TABLE B-8. ID EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	Not used		
2	Not used		
3	Not used		
4	Not used		
5	ALTITUDE ENCODER		
6	BEACON (D-BAND)		
7	BEACON (G-BAND)		
8	BEACON (LOCATOR)		
9	BEACON TRANSPONDER		
10	BEACON VIDEO PROC.		
11	IFF		
12	IFF A/G		
13	IFF CRYPTO COMPUTER/SET		
14	IFF INTERROGATOR		
15	IFF TRANSPONDER		
16	RADAR BEACON		
17	RADAR TRANSPONDER		
18	SIF VIDEO CODER		
19	X-BAND BEACON		
20	IFF INTERROGATION COMP.		
21	IFF/SIF		
22	MARK XII IFF		
23	IMP. AIM-9E/J		
24	TISEO		
25	AIM-7F INTERFACE		
26	RADAR SUBSYS.		

TABLE B-9. IN EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	Not used		
2	DIGITAL SCAN CONVTR.		
3	ALTITUDE WARNING SYS.		
4	CTVS/AVTR		
5	AAVR SYSTEM		
6	ACCEL. COUNTER SET		
7	AFRS		
8	AHRS		
9	Not used		
10	AIR DATA SYSTEM		
11	ALTIMETER		
12	ALTITUDE GYRO		
13	AOA TRANSMITTER		
14	ATTITUDE REFERENCE		
15	BDHI		
16	CADC		
17	COMPASS		
18	COMPASS SYSTEM		
19	ELECTRONIC COMPASS		
20	EMAC (FUEL)		
21	FLT. DIR. SYSTEM		
22	FLT. RECORDER		
23	FUEL FLOW IND.		
24	HAMS		
25	HEADING REFERENCE		
26	HSI		
27	INDICATOR SET		
28	SIGNAL DATA RECORDER		
29	STANDBY ATT. IND.		
30	STANDBY ATT. SYS.		
31	VSD		
32	VSI		
33	WT. DIST. & BAL. SYS.		
34	Not used		
35	CABIN PRESS. ALT.		
36	ACFT INSTMTN		
37	CITS		
38	ATT. IND. FAIL. WRNG. SYS.		
39	CONT. IND. PROG.		

TABLE B-10. EW EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	NOT USED		
2	NOT USED		
3	CM DISPENSER SYS. (CDS)		
4	COMPASS TIE		
5	CHAFF DISPENSER		
6	DECEPTIVE REPEATER		
7	DIRECTION FINDER		
8	DESPENSER		
9	ECM		
10	ECM POD		
11	ECM POD CONTROL PANEL		
12	ECM RECEIVER		
13	ECM TRANSMITTER		
14	EWWS		
15	FLARE/CHAFF DISP.		
16	FLARE DISPENSER/EJECTOR		
17	INT. ECM JAMMING SUBSYS.		
18	INTERFERENCE BLANKER		
19	ICM SET		
20	JAMMING TRANSMITTER		
21	MODULATOR		
22	RADAR PANORAMIC RECEIVER		
23	RADAR RECEIVER		
24	RADAR WARNING SYS.		
25	REPEATER		
26	RFS/ECMS		
27	RHAW		
28	RWR		
29	TRANSCIEIVER		
30	TTWS/RWR		
31	IRCM		
32	TALON		
33	ICS		
34	IFR CAPABILITY		
35	IECM		
36	NOT USED		
37	WILD WEASEL		
38	TAC JAMMING SYS.		
39	IMP IR SYS. ADD-5		
40	PLUS W/W EQUIPMENT		
41	ECM CHAFF		
42	AEW ECM		

TABLE B-11. R EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	NOT USED		
2	NOT USED		
3	AUTO. DATA PROC. SYSTEM		
4	BOMB-NAV.-REC. CAMERA		
5	CAMERA		
6	CAMERA COMPONENTS		
7	CAMERA MOUNT STABILIZER		
8	CAMERA PARAMETER CONTROL		
9	CAMERA SYSTEM		
10	COMM. SYSTEM		
11	DATA DISPLAY SET		
12	FLT. LEVEL SENSING		
13	GUN CAMERA SYSTEM		
14	GUNSIGHT CAMERA		
15	INTERVALOMETER		
16	IR MAPPING SYSTEM		
17	MAPPING CAMERA		
18	MARK VI CAMERA		
19	MCCD		
20	NAV. COMPUTER SET		
21	PAN CAMERA, HI. ALT.		
22	PAN CAMERA, LO. ALT.		
23	PAPI SYSTEM		
24	PHOTO ADAPTER UNIT		
25	PHOTOFLASH DETECTOR		
26	PHOTOFLASH SYSTEM		
27	RADAR SCOPE RECORDER		
28	RECON. CAMERA		
29	RECORDING CAMERA		
30	STABILIZER MOUNT		
31	STILL CAMERA		
32	STRIKE CAMERA		
33	VERT. PROF. SENSING SYS.		
34	VIEWFINDER		
35	SLR		
36	TEREC		
37	Not used		
38	DOCUMENTATION CAMERA		

TABLE B-12. M EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	NOT USED		
2	NOT USED		
3	NOT USED		
4	EGRESS		
5	AWACS AUX. DISPLAY		
6	AWACS MULTIPURPOSE CON.		
7	DATA ANAL. & PROG. GROUP		
8	LAUNCH CONTROL		
9	LLLTV SYSTEM		
10	MCGS		
11	METEOROLOGICAL SYSTEM		
12	RADAR		
13	RADAR HEIGHT FINDER		
14	SEARCH RADAR		
15	SECURE VOICE/ITT		
16	SURVEILLANCE RADAR		
17	WEATHER AVOID. RADAR		
18	PAVE PENNY		
19	PLSS		
20	IMC AERIAL DEL. SYS.		
21	AWADS RECDR		
22	JACC/CP		
23	RADAR QUICK LOOK		
24	MILLIMETER WAVE SEEKER		
25	ACOUSTIC/IR SEEKER		
26	TERMINAL IDENT. SEEKER		
27	RIVET BAT PHASE II		
28	PAVE LOW III		
29	SURVIVAL AVIONICS SYS.		
30	SAMPLING SYSTEM		
31	SAMPLING SYSTEM PRESS. PLAT.		
32	HYGROMETER SYSTEM		
33	RADIOSONDE DISPENSER SET		
34	DROPSONDE DATA RECORD SYS.		
35	PRECISION RADIATION THERMO.		
36	PAVE TACK		
37	PAVE SPIKE		

TABLE B-13. FL EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	Not used		
2	Not used		
3	SIS		
4	AUTO MANUVR FLAP		
5	ACCELEROMETER		
6	ACTUATOR		
7	ANGLE OF ATTACK		
8	AUTO. FLIGHT CONTROL		
9	AUTO STAB. EQUIPMENT		
10	AUTO THROTTLE		
11	AUTO PILOT		
12	COMPUTER		
13	FEEL & TRIM ASSEMBLY		
14	FLIGHT CONTROL SYSTEM		
15	GO-AROUND ATTIT.		
16	PITCH CONTROL SYSTEM		
17	RECOVERY CONTROL		
18	SIKORSKY		
19	STALLIMETER		
20	RERT/SEP PITCH		
21	REFURB. FLT. SIMULATOR		
22	Not used		
23	Not used		

TABLE B-14. EN EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	Not used		
2	Not used		
3	Not used		
4	Not used		
5	THROTTLE POS. TRANSDUCER		
6	Not used		
7	Not used		
8	Not used		
9	Not used		

TABLE B-15. EL EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	Not used		
2	Not used		
3	Not used		
4	Not used		
5	AMUX		
6	BATTERY		
7	CONTROL BOX		
8	DISTRIBUTION BOX		
9	EMUX		
10	FIRE CONTROL SYS. PIS		
11	GENERATOR		
12	INVERTOR		
13	Not used		
14	Not used		
15	Not used		
16	Not used		

TABLE B-16. MISCELLANEOUS EQUIPMENT

Code	Equipment Type	Code	Equipment Type
1	Not used	49	MARK II COMP. SCRAMBLE
2	Not used	50	OAS CMI
3	Not used	51	QSR VTR
4	ACCELEROMETER	52	QSR COCKPIT CONTROLS
5	AIR DATA TRANSDUCER	53	AVIONICS
6	AIR REFUELING SYSTEM	54	ENHANCED UPD-4
7	ATTITUDE ALERT SYSTEM	55	ECR
8	AUX. DATA ANNOTATION SYS.	56	PILOT VISUAL AUG.W/SYMBOL GEN.
9	COLLISION AVOID. SYSTEM		
10	CPI		
11	DISCHARGER(STATIC ELECTR.)		
12	DUAL CHANNEL RECORDER		
13	EMERGENCY BEACON		
14	EMERGENCY TRANSMITTER		
15	FLIGHT DATA RECORDER		
16	GPWS		
17	JTIDS		
18	LANDING GEAR POSITIONING		
19	MALFUNCTION ANAL. RECORDER		
20	MALFUNCTION ANAL. SYSTEM		
21	MALF. DET.&REC. SYSTEM		
22	PSYWAR SOUND SYSTEM		
23	RADAR PRESSURE		
24	RADIATION DETECTOR		
25	STALL WARNING		
26	SOUND RECORDER SET		
27	TAPE RECORDER		
28	TAPE REPRODUCER		
29	TELEVISION (COLOR)		
30	TEMP. PROBE		
31	TOW SYSTEM		
32	TOW TARGET SYSTEM		
33	VOICE RECORDER		
34	UNDERWATER DETECTOR		
35	INTEG. COMM. COMMD. PANEL		
36	CDR		
37	E-4A TO B MOD		
38	E-3 UPDATE		
39	E-3 ENHANCEMENTS		
40	PLANNING		
41	GND PROX. SYS.		
42	GRND WARNING SYSTEM		
43	AVIONICS IPIS		
44	ENGR. DIAGNOSTICS		
45	MULTI CHAN. RECDR.		
46	T-BIRD MOD		
47	LEAD IN FIGHTER		
48	LEAD IN TRAINING		

TABLE B-17. COMMUNICATIONS EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	WILCOX 807	49	ARC-90
2	346D-1	50	ARC-96
3	3468-3	51	ARC-102
4	356-C4	52	ARC-105
5	356-F3	53	ARC-109
6	36LCS (LBR)	54	ARC-112
7	4ET59BIO-27	55	ARC-114
8	515-I	56	ARC-115
9	618-M-1	57	ARC-116
10	618S-1MC	58	ARC-123
11	618T-1	59	ARC-131
12	618T-2	60	ARC-132
13	618T-3	61	ARC-133
14	618M2-D	62	ARC-139
15	NOT USED	63	ARC-146
16	635VI	64	ARC-154
17	718-U5	65	ARC-164
18	807A	66	ARC-166
19	807C	67	ARC-167
20	A-100	68	ARC-168
21	AAV-55	69	ARC-169
22	ACC-4	70	ARC-171
23	AEM-DE-1492C/MM2F	71	ARC-173
24	AFSATCOM	72	ARC-400
25	AIC-12	73	ARC-552
26	AIC-10	74	ARR-15A
27	AIC-13	75	ARR-69
28	AIC-14	76	ASC-12
29	AIC-18	77	ASC-18
30	AIC-23	78	ASQ-19A
31	AIC-25	79	ASQ-19B
32	AIC-26	80	ASQ-88
33	AIC-27	81	ASQ-107
34	AIC-20	82	AT-440
35	APW-26	83	AYC-1
36	ARA-60	84	BHC-205
37	ARC-3	85	C-1611
38	ARC-27	86	CDS-540
39	ARC-34	87	EG-40
40	ARC-44	88	G912
41	ARC-50	89	GABLES
42	ARC-51	90	GE-FM
43	ARC-58	91	HF-102
44	ARC-65	92	HF-103
45	ARC-70	93	HH-361CS
46	ARC-73	94	HHT-3103B-SP1
47	ARC-85	95	KY-8
48	ARC-89	96	KY-28

(continued)

TABLE B-17. (continued)			
Code	Equipment Nomenclature	Code	Equipment Nomenclature
97	KY-58	145	ASQ-88B
98	KY-75	146	ASQ-108
99	LAC-ICS	147	ARR-61
100	LOCKHEED	148	ARC-39A
101	MD18SA/ARA-3	149	ARC-34B
102	MI-36A	150	ACC-1
103	MM21	151	ACC-2
104	MOTOROLA	152	ACC-3
105	MU-55	153	ACC-5
106	MU-58TS	154	ADC-101
107	RC-10	155	AIC-28
108	RT-10	156	ARA-64
109	T33BA71134A-SP7	157	ARC-34C
110	T33BAT	158	ARC-150
111	T-43	159	ARC-165
112	TR-4A	160	ATC-1
113	TT-76	161	AVS-101
114	UPQ-3C	162	DWX-9
115	URG-1	163	KG-40
116	URT-21	164	KW-7
117	URT-27	165	KWX-9
118	USC-28	166	KY-3
119	VHF-20A	167	KY-585
120	VHF-101	168	KY-606
121	VHF-103	169	TGC-29
122	ARC-186	170	TGC-14B
123	SINCGARS	171	UGC-129
124	SEEK TALK	172	KWX-11
125	ARC-56	173	KCC-6
126	HAVE QUICK	174	ARC-155
127	ARC-184	175	SEEK SILENCE
128	VHF-20B	176	APN-108
129	FM-622	177	ARC-XX
130	ARC-51BX	178	ARC-183
131	VHF-20H	179	ART-47
132	VH-251	180	ARR-71
133	PA-356F-3	181	NOT USED
134	DHC60206	182	NOT USED
135	MK-12A	183	NOT USED
136	ADS-321	184	NOT USED
137	ASQ-19	185	NOT USED
138	HF-101	186	NOT USED
139	ARC-113	187	NOT USED
140	UHF-101	188	NOT USED
141	AIC-2A	189	NOT USED
142	LTVR-6	190	NOT USED
143	ARC-120	191	NOT USED
144	ASQ-88A	192	NOT USED

(continued)

TABLE B-17. (continued)

Code	Equipment Nomenclature	Code	Equipment Nomenclature
193	NOT USED		
194	NOT USED		
195	NOT USED		
196	NOT USED		
197	NOT USED		
198	NOT USED		
199	NOT USED		
200	UPDATE		

TABLE B-18. NAVIGATION EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	NOT USED	49	APN-12
2	MULTIPLEXER	50	APN-22
3	OVERRIDE	51	APN-32
4	SANS-7000A	52	APN-42
5	CAROUSEL-4	53	APN-48
6	APN-144	54	APN-50
7	ADF-60	55	APN-59
8	345	56	APN-65
9	41003	57	APN-69
10	5026-G	58	APN-70
11	51R-3	59	APN-76
12	51R-6	60	APN-81
13	51-RV1	61	APN-82
14	51-RV2	62	APN-84
15	51V-2	63	APN-89
16	51V-3	64	APN-99
17	51V-4	65	APN-102
18	51X-2B	66	APN-105
19	51Y-7	67	APN-117
20	51Z-2	68	APN-131
21	51Z-3	69	APN-133
22	51Z-4	70	APN-134
23	54W-1	71	APN-135
24	8LOF-1	72	APN-147
25	800B	73	APN-150
26	800C	74	APN-151
27	806A	75	APN-153
28	806C	76	APN-154
29	860E-2	77	APN-155
30	860E-3	78	APN-157
31	A-1	79	APN-158
32	A24G-42	80	APN-167
33	AAV-19	81	APN-169
34	ADF-14	82	APN-171
35	ADF-73	83	APN-175
36	AJN-3	84	APN-184V
37	AJN-16	85	APN-189
38	AJN-17	86	APN-190
39	AJN-20	87	APN-194
40	AL-101	88	APN-196
41	ALA-51	89	APN-199
42	ALC-101	90	APN-200
43	AP-106	91	APN-59E
44	APA-52	92	APN-59G
45	APA-57	93	APN-59D
46	APA-90	94	APN-59B
47	APN-7	95	APN-213
48	APN-9	96	APQ-68

(continued)

TABLE B-18. (continued)

Code	Equipment Nomenclature	Code	Equipment Nomenclature
97	APQ-99	145	ARN-120
98	APQ-107	146	ARN-127
99	APQ-110	147	ARN-300
100	APQ-122	148	ARN-131
101	APQ-144	149	ARN-117
102	APQ-160	150	ARN-90
103	APR-6	151	ASB-15B
104	APS-42	152	ARR-60
105	APW-11A	153	ARR-61
106	APW-23	154	AS-24(F)
107	ARA-25	155	ASD-100
108	ARA-31	156	ASN-6
109	ARA-48	157	ASN-7
110	ARA-50	158	ASN-24G
111	ARA-56	159	ASN-25
112	ARA-72	160	ASN-35
113	ARD-17	161	ASN-41
114	ARN-101	162	ASN-46A
115	ARD-73	163	ASN-48
116	ARN-6	164	ASN-56
117	ARN-12	165	ASN-63
118	ARN-14	166	ASN-90
119	ARN-18	167	ASN-103
120	ARN-21	168	ASN-109
121	ARN-30	169	ASN-119
122	ARN-31	170	ASQ-19A
123	ARN-32	171	ASQ-19B
124	ARN-52	172	ASQ-88
125	ARN-58	173	ASQ-107
126	ARN-59	174	ASQ-119
127	ARN-61	175	ASQ-141
128	ARN-62	176	ASQ-151
129	ARN-65	177	AVQ-30X
130	ARN-67	178	AVQ-55
131	ARN-72	179	AVQ-75
132	ARN-82	180	B-6A
133	ARN-83	181	BENDIX
134	ARN-84	182	CPU-80A
135	ARN-85	183	CPU-118/A
136	ARN-89	184	DF-202
137	ARN-91	185	DF-203
138	ARN-92	186	DFA-70
139	ARN-96	187	DFA-73
140	ARN-97	188	DFA-730
141	ARN-108	189	DME-40
142	ARN-111	190	DN-101
143	ARN-112	191	GPS (Hi Dynam)
144	ARN-118	192	HG-9025B/A

(continued)

TABLE B-18. (continued)

Code	Equipment Nomenclature	Code	Equipment Nomenclature
193	HOFFMAN	241	ARN-30A
194	ID1622/AYK	242	ARN-30E
195	ID1748/AYK	243	C-14
196	ID1764/AYK	244	ASN-118
197	J-2	245	ASH-20
198	J-4	246	ASH-22
199	KDM-7000	247	APN-24A
200	LEAR-SIEGLER 8820	248	APN-159
201	LN-2A	249	Z-SET
202	LN-3	250	VIR-30A
203	LN-16	251	ILS-70
204	LN-20	252	KNC-610
205	LOCKHEED	253	ARN-84V
206	LTN-51	254	AJQ-20
207	MA-1	255	SKN-2416
208	MB-3	256	APX-76
209	MD-1	257	APN-185
210	MN-62A	258	URT-27
211	MN-619	259	QSR
212	NORDEN	260	SST-181X
213	OA-1238	261	MKA-28D
214	OA-8639/ARD	262	AJQ-20
215	OA-8697/ARD	263	APX-64
216	P-AAU-27/C-AAU-21	264	NOT USED
217	PAVE PENNY	265	NOT USED
218	R-1041-(MB)	266	NOT USED
219	R-14C	267	NOT USED
220	RDR-1E	268	NOT USED
221	RDR-10	269	NOT USED
222	RDR-110	270	NOT USED
223	RDR-1200	271	NOT USED
224	SBK-16	272	NOT USED
225	SCR-718	273	NOT USED
226	SKN-2400	274	NOT USED
227	SPERRY	275	UPDATE
228	TDL-800		
229	UPN-25		
230	URT-26		
231	VIR-30		
232	VOR-101		
233	CAT II		
234	GPS (MED DYNAM)		
235	CAT III		
236	VIR-31A		
237	RDR-1D		
238	S3A		
239	RNA-260F		
240	DFA-72		

TABLE B-19. NWD EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used	49	CP1075/AYK
2	Not used	50	F-15A-M
3	Not used	51	HQ905A1
4	700A988G01	52	ID-1620
5	AJB-1B/5A	53	KB-20
6	AJB-7/A	54	KB-21
7	AJN-8	55	M61-A1
8	APA-157	56	MD-1
9	APA-165	57	MG-13
10	APQ-100	58	MK II B
11	APQ-109A	59	N-9
12	APQ-110	60	SCDS
13	APQ-113	61	MA-1
14	APQ-114	62	APQ-130
15	APQ-120	63	OD-67
16	APQ-126	64	ASG-30
17	APQ-128	65	Not used
18	APQ-134	66	Not used
19	APQ-144	67	APQ-T10/T11
20	APQ-146	68	Not used
21	ARW-77	69	Not used
22	ASB-9A	70	Not used
23	ASB-15B	71	Not used
24	ASB-16	72	Not used
25	ASG-17	73	Not used
26	ASG-22	74	Not used
27	ASG-23	75	Not used
28	ASG-25	76	Not used
29	ASG-26A	77	Not used
30	ASG-27	78	Not used
31	ASN-91	79	Not used
32	ASN-99	80	Not used
33	ASQ-25	81	Not used
34	ASQ-91	82	Not used
35	ASQ-153	83	Not used
36	ASQ-156	84	Not used
37	AVA-9	85	Not used
38	AVQ-7	86	Not used
39	AVQ-9	87	Not used
40	AVQ-10	88	Not used
41	AVQ-20	89	Not used
42	AVQ-23	90	Not used
43	AYK-6	91	Not used
44	AYN-3	92	Not used
45	C8586/AYK	93	Not used
46	CV-2492A	94	Not used
47	CV-2497/A	95	Not used
48	CV-2894	96	Not used

(continued)

TABLE B-19. (continued)

Code	Equipment Nomenclature	Code	Equipment Nomenclature
97	Not used		
98	Not used		
99	Not used		
100	UPDATE		

TABLE B-20. WD EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	A-4	49	Not used
2	A24G-1A	49	Not used
3	AAD-7	50	Not used
4	AAQ-7	51	Not used
5	Not used	52	Not used
6	AGM-12	53	Not used
7	AGM-45A	54	Not used
8	AGM-78B/C	55	Not used
9	AIM-9B	56	Not used
10	AJQ-24	57	Not used
11	APG-63	58	Not used
12	APQ-150	59	Not used
13	APQ-153	60	Not used
14	APQ-157	61	Not used
15	ARC-96	62	Not used
16	ASG-15	63	Not used
17	ASG-19	64	Not used
18	ASG-21	65	Not used
19	ASG-25	66	Not used
20	ASG-29	67	Not used
21	ASN-91	68	Not used
22	ASQ-88	69	Not used
23	ASQ-145	70	Not used
24	AVQ-8	71	Not used
25	AVQ-17	72	Not used
26	AVQ-18	73	Not used
27	AVQ-19	74	Not used
28	AVQ-21	75	UPDATE
29	AWG-20		
30	AXH-2		
31	AYK-9		
32	C-8652CWE		
33	CA-503		
34	CW-1377/AWG		
35	MA-8		
36	MD-9		
37	MK-8		
38	SA-1786A		
39	TOU-11		
40	TT-521		
41	SENSOR ANGLE DISPLAY		
42	AIR DATA SYSTEM		
43	TRAINABLE GUN SYSTEM		
44	CN-1377/AWG		
45	AXQ-14		
46	GBU-15		
47	362F-2		
48	ALCM		

TABLE B-21. ID EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used	49	Not used
2	Not used	50	Not used
3	3166	51	Not used
4	AAU-21A	52	Not used
5	518-16007	53	Not used
6	570-24929-105	54	Not used
7	914A	55	UPDATE
8	914B		
9	AAU-19		
10	APX-25		
11	APX-37		
12	APX-44		
13	APX-46		
14	APX-49		
15	APX-64		
16	APX-72		
17	APX-78		
18	APX-91		
19	APX-101		
20	APX-103		
21	ASQ-19A		
22	ASQ-19B		
23	ASQ-88		
24	ASQ-107		
25	CPU-66/A-1		
26	CV-2746		
27	KIR-1A		
28	KIT-1A/TSEC		
29	KW-7		
30	KY-95		
31	UPN-25		
32	APX-76		
33	MX-9147		
34	TDR-90		
35	SST-1716		
36	CTB-200-05		
37	CVK-99		
38	SST-181		
39	KY-5328/ASQ		
40	ASX-1		
41	APX-80		
42	URT-27		
43	Not used		
44	Not used		
45	Not used		
46	Not used		
47	Not used		
48	Not used		

TABLE B-22. IN EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used	49	C-2
2	Not used	50	C-2G
3	14-64913	51	C-9
4	1880871-7	52	C-12
5	104820	53	C-14
6	1093633-4	54	CA-503
7	1093633-6	55	CITS
8	1093634-3	56	CP-953/AJQ
9	1093634-4	57	CPU-4A
10	2587400-436	58	CPU-43A
11	2-5951-1	59	CPU-65
12	331A-8H	60	CPU-76
13	41692	61	CPU-111
14	50-001-07A	62	CPU-114A
15	510860-1	63	EFU-26
16	61AAB-E	64	FD-103
17	A-13	65	FD-109G
18	A24G-1	66	FD-109J
19	A24G-16	67	G-2
20	A24G-25	68	G55
21	A24G-26A	69	HG-180U
22	A24G-31	70	HG-1800-205
23	A24G-34	71	ID-1755A
24	A24J-1	72	ID-798/ARN
25	A37J-8	73	J-2
26	AAU-3A/A	74	J-4
27	AAU-18A	75	LEAR-SIEGLER
28	AAU-19/A	76	MA-1
29	AF/A245-1	77	MC-102
30	AJN-18	78	MM-3
31	AP-106	79	N-1
32	AQU-2/A	80	OD-60A
33	AQU-4/A	81	PP1850
34	AQU-6/A	82	S-2
35	AQU-13/A	83	SLZ9170
36	ARU-2B/A	84	TRK-58
37	ARU-11	85	USAF STD
38	ARU-20/A	86	MG-1
39	ARU-32/A	87	FD-105
40	ASA-32J	88	AWU-4/A
41	ASH-28	89	Not used
42	ASK-6	90	Not used
43	ASN-43	91	A/A39-
44	ASN-50	92	CPU-82A
45	ASN-55	93	ID-1103/ARN
46	ASN-75	94	1903633-4
47	ASN-108	95	1903634-3
48	ASQ-141	96	CPK-92

(continued)

TABLE B-22. (continued)

Code	Equipment Nomenclature	Code	Equipment Nomenclature
97	AGM-65		
98	Not used		
99	Not used		
100	UPDATE		

TABLE B-23. EW EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	ALQ-117	49	APR-37
2	ALQ-155	50	APS-54
3	Not used	51	APS-107A
4	ALT-31	52	APS-107D/E
5	AAR-35	53	APS-109
6	ALE-2	54	ARA-3
7	ALE-20	55	ARQ-29
8	ALE-24	56	ASD-5
9	ALE-25	57	C-7854/ALQ
10	ALE-27	58	ER-142
11	ALE-28	59	LAU-74
12	ALE-40	60	MK-8103
13	ALQ-12	61	MX-6770
14	ALQ-13	62	MX-8103
15	ALQ-14	63	MX-8106
16	ALQ-51A	64	MX-9287/A
17	ALQ-71	65	MX-9879/A
18	ALQ-72	66	QRC-130
19	ALQ-83	67	QRC-160
20	ALQ-87	68	QRC-218
21	ALQ-93	69	QRC-248
22	ALQ-94	70	QRC-294
23	ALQ-99E	71	QRC-324
24	ALQ-119	72	SUU-42
25	ALQ-128	73	TRIM-7
26	ALQ-135	74	ALQ-122
27	ALQ-137	75	ALR-69
28	ALR-18	76	TRIM 9
29	ALR-20	77	SYSTEM 56
30	ALR-23	78	SYSTEM 66
31	ALR-31	79	ALR-56C/D/BAND
32	ALR-41	80	T-1357/F6T
33	ALR-46	81	T-1359/F6T
34	ALR-53	82	T-1358/F6T
35	ALR-56	83	ALE-38
36	ALR-62	84	T-1357/ZLT
37	ALT-6B	85	T-1359/ZLT
38	ALT-13	86	T-1358/ZLT
39	ALT-16	87	ALQ-101(V)
40	ALT-22	88	53-87570
41	ALT-28	89	AAR-34
42	ALT-32	90	ALQ-31
43	ALT-34	91	AAQ-8
44	APR-9	92	APR-38
45	APR-25	93	C7211/C7240
46	APR-26	94	Not used
47	APR-35	95	Not used
48	APR-36	96	Not used

(continued)

TABLE B-23. (continued)			
Code	Equipment Nomenclature	Code	Equipment Nomenclature
97	Not used		
98	Not used		
99	Not used		
100	UPDATE		

TABLE B-24. R EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used	49	OK-260/AMQ-32
2	Not used	50	OT-72/AMQ-32
3	Not used	51	OV-93/AMG-32
4	Not used	52	OV-94/AMQ-32
5	A-2	53	T-11
6	AAS-18	54	KA-89
7	ART-23	55	KA-2
8	ART-25	56	APD-10
9	ASQ-90	57	UPD-4
10	ASQ-94	58	KS-87B
11	AYK-11	59	KC-1B
12	AYK-12	60	ASQ-134
13	B-9A	61	APQ-102
14	F-2	62	ALQ-125
15	K-17C	63	LA-312
16	K-17D	64	Not used
17	K-27C	65	Not used
18	K-38	66	Not used
19	KA-1	67	Not used
20	KA-18	68	Not used
21	KA-55A	69	Not used
22	KA-56A	70	Not used
23	KA-71A	71	Not used
24	KB-3	72	Not used
25	KB-17B	73	Not used
26	KB-18A	74	Not used
27	KB-25A	75	UPDATE
28	KB-38		
29	KC-1A		
30	KD-26B		
31	KS-27C		
32	KS-32		
33	KS-72		
34	KS-74A		
35	KS-87A		
36	KS-97A		
37	KS-120		
38	LA-285A		
39	LA-307A		
40	LA-308A		
41	LA-311A		
42	LA-313A		
43	LS-58A		
44	M-9		
45	N-9/DBM4C		
46	O-15		
47	O-20		
48	O-32		

TABLE B-25. M EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used	49	Not used
2	Not used	50	UPDATE
3	Not used		
4	Not used		
5	484L/ASC-8		
6	92530		
7	AMQ-25		
8	APS-45		
9	APS-96		
10	APS-103		
11	APW-25		
12	APY-1		
13	ASW-28		
14	GPA-122		
15	RDR-IED		
16	PAVE PENNY/AAS-35		
17	AYO-6		
18	AMS		
19	VNS		
20	U-1 FOIL		
21	I-2 FOIL		
22	B/400A		
23	137-C3-590P-MR		
24	AMQ-31		
25	PRT-5		
26	A		
27	B		
28	C		
29	AVQ-23		
30	ARN-101		
31	Not used		
32	Not used		
33	Not used		
34	Not used		
35	Not used		
36	Not used		
37	Not used		
38	Not used		
39	Not used		
40	Not used		
41	Not used		
42	Not used		
43	Not used		
44	Not used		
45	Not used		
46	Not used		
47	Not used		
48	Not used		

TABLE B-26. FL EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used	49	Not used
2	Not used	50	Not used
3	Not used	51	Not used
4	Not used	52	Not used
5	12C1154-867	53	Not used
6	12C1154-875	54	Not used
7	12C1154-879	55	Not used
8	3061200-1	56	Not used
9	33103A-2	57	Not used
10	965-0046-007	58	Not used
11	A-12	59	Not used
12	A-42G-11	60	UPDATE
13	AP103F		
14	ASA-32G		
15	ASA-32H		
16	ASA-32J		
17	ASA-32M		
18	ASW-28		
19	ASW-31		
20	BG492A2		
21	E-4		
22	F-1		
23	FC-11		
24	M362F		
25	MB-1		
26	MB-5		
27	MC-1		
28	MH-97		
29	PB-20D		
30	PB-60A		
31	PR-10A		
32	QA-1000		
33	SP-4D		
34	SP-50A		
35	SP-77		
36	YG-1005C2		
37	ASW-30		
38	ASW-38		
39	SP-40		
40	RN-200		
41	DCU		
42	CPU		
43	SIKORSKY		
44	Not used		
45	Not used		
46	Not used		
47	Not used		
48	Not used		

TABLE B-27. EN EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used		
2	Not used		
3	Not used		
4	Not used		
5	Not used		
6	Not used		
7	Not used		
8	Not used		
9	Not used		
10	UPDATE		

TABLE B-28. EL EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used		
2	Not used		
3	Not used		
4	Not used		
5	PP-6827A		
6	MS-17406-3		
7	MS-17406-4		
8	Not used		
9	Not used		
10	UPDATE		

TABLE B-29. MISCELLANEOUS EQUIPMENT

Code	Equipment Nomenclature	Code	Equipment Nomenclature
1	Not used	49	Not used
2	Not used	50	Not used
3	Not used	51	Not used
4	Not used	52	Not used
5	10000A300	53	Not used
6	41583	54	Not used
7	540-20545	55	Not used
8	642C-1	56	Not used
9	A/A24U-10	57	Not used
10	A/A37U-15	58	Not used
11	ACT-31	59	Not used
12	AJM-14	60	UPDATE
13	ANH-2		
14	AR-200		
15	ARRS-100		
16	ASA-3		
17	ASQ-14		
18	ASQ-46		
19	ASQ-121		
20	AWQ-134		
21	GE-11		
22	CIR-10		
23	CRAIG		
24	CRT-3		
25	G-825		
26	HONEYWELL HG280		
27	M9-4117		
28	MKX-383		
29	MXU-553		
30	ROSEMOUNT		
31	ROSEMOUNT 1221NO		
32	RMU-8		
33	RMV-8		
34	SA-1800C		
35	URT-26		
36	C-9011/ARA		
37	FPC-75		
38	TDR-90		
39	RT-10		
40	MONITAIR		
41	RO-254/ASQ		
42	A-11		
43	ASH-20 (V) 2		
44	ASH-22 (V) 3		
45	Not used		
46	Not used		
47	Not used		
48	Not used		